

User document

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Introduction

Purgo AI is an advanced AI platform designed to help you build, test, and deploy data applications quickly and efficiently into production. It streamlines the process of creating data applications, providing a seamless way to tackle complex tasks such as migrations, ETL workflows, and more.

Problem

Building data applications for use cases like migration and ETL can be both time-consuming and costly. Engineers face numerous challenges, including:

- Understanding all the systems involved
- Writing code to execute the task
- Generating sample data for testing
- Creating tests to validate the code
- Ensuring the tests run successfully
- Finally, deploying the code into production

Although leveraging LLMs and Al code generators can help, it remains a challenge if engineers don't know the right questions to ask or the context to provide. This often results in several iterations across different models, extending the time to completion.

Solution

With **Purgo AI**, all these complexities are built into a unified framework, drastically accelerating your production process from weeks to mere minutes. Purgo AI understands your systems, identifies the relevant context, generates the right prompts, and produces the assets you need to complete your workload. Let Purgo AI accelerate your data app development today.



Getting Started

Welcome to Purgo AI! Below, you will find step-by-step instructions on how to create your Purgo AI account and log in to the platform.

How to Sign Up for Purgo AI

Signing up for Purgo AI is the first step to start building, testing, and deploying your data applications. Follow these simple steps to create your account.

Step 1: Navigate to the Purgo AI Sign-Up Page

- Open your web browser and type in the following URL: <u>https://app.purgo.ai/</u>
- This will take you to the main Purgo AI page, where you can sign up for a new account.

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Purgo Al		
Welcome. Login to access Purgo Al		
Email address*		
Password*	\odot	
Forgot password?		
Login		
Don't have an account? Sign up	-	
OR		
G Continue with Google		
Continue with Microsoft Accour	ıt	

Step 2: Click on the "Sign Up" Button

• On the main page, look for the **Sign Up** button. This is usually located in the right below the login button.

• Click the **Sign Up** button to begin the registration process.

Step 3: Enter Your Email Address and Password

- You will now be prompted to provide some basic information:
 - Email Address: Enter a valid email address that you have access to. This email will be used for future communications from Purgo AI, and you will need it for logging in.
 - **Password**: Choose a strong password that you can remember. It's important to create a password that is secure, so be sure to include a combination of letters, numbers, and special characters for extra security.

Purgø	ai	
Welcome. Sign up to access	Purgo Al	
Email address*		
Password*	\odot	
Sign up		
Already have an account? Log in		
OR		
G Continue with Google		
Continue with Microsof	t Account	

Step 4: Click on "Sign Up"

- After entering your email address and password, click the **Sign Up** button to submit your information.
- If everything is entered correctly, you will be successfully registered.

Step 5: Access the Usage Page

- Once your registration is complete, you will automatically be taken to the **Usage** page. This is the dashboard where you will track your activity and use Purgo AI to manage your data applications.
- Congratulations! You now have an account and can begin exploring the platform.

👔 User 01 🚺	Usage	E	j Mar 2025 ·
Life Science V			
¢ໍຽໍ∌ Team			
Only admins			
Usage			
ලි Project Settings			
^{Help} ⑦		There is no information to be displayed	
Terms of service		Create and use an API key to track your usage data	
Privacy policy 🖸			
EULA 🖸		+ Go to API key creation	
←] Logout			
Purgø ai			

ETL Pipelines

Purgo AI simplifies the process of building and managing data applications and pipelines by integrating with popular platforms such as Jira, Confluence, GitHub, and Databricks. It uses pre-trained domain knowledge of enterprise and cloud data warehouses to automatically generate optimized code (e.g., Python, Spark, SQL) for data applications. In this guide, we'll walk through how to build and manage data applications within Jira using Purgo AI.

Pre-requisites

Before getting started, make sure the following are in place:

- 1. **Jira Integration**: Ensure the **Purgo Al app** is installed and configured in your Jira project by an admin.
- 2. **Linked Platforms**: Purgo AI should be connected to any relevant platforms, such as Confluence for documentation, GitHub for version control, and Databricks for executing the generated code.

Once the setup is complete, you can begin developing data apps and pipelines.

Step 1: Pick a Jira User Story

In your Jira project, Purgo AI allows you to develop data applications by starting with user stories. User stories define the business and technical requirements needed to build the app.

1. Access the Project:

The project within Jira contains **sample user stories** that will guide you through developing a data app.

2. Select a User Story:

From the Jira board, pick a user story that outlines a particular requirement for the data app. This user story will serve as the foundation for your project.



Step 2: Requirements Analysis

Once a user story is selected, the next step is analyzing the requirements. Purgo AI assists in this phase by identifying potential gaps, inconsistencies, and conflicting requirements.

1. Open the User Story:

Click on the selected Jira user story ticket.

2. Initiate Requirements Analysis:

In the first and only active tab "1. Analysis" click on the button "Analyze requirements", This will initiate the analysis process, Purgo AI will now analyze the requirements of the user story. Once finished processing, it will provide feedback, and retrieve relevant context that is crucial for the development phase.

Note: If there is not enough detail in the user story, Purgo will leave comments on the Jira content on the additional details needed.

Drojects / 🖪 Life Science / 🖊 Addienic / 🔲 DDD_11
Calculate primary allocated aty of a plant's location for the drug calco
Calculate primary allocated qty of a plant's location for the drug sales
+ Add
Description Introduction: The allocated quantity represents the stock that has been set aside for fulfilling specific customer orders, production orders, or transfer orders within the supply chain.
Requirement: Create a SQL logic to calculate the allocated_qty in inventory stock management table 'f_order' that reflects how much of the plant's inventory has been committed to specific uses.
Clarification: The leading or primary table is f_inv_movmnt.
Specific business logic: So for that "order_nbr" and "order_line_nbr" has an entry in table "f_order" then add the qty of 4 columns primary_qty, open_qty, shipped_qty, and cancel_qty to represent the allocated_qty.
Analysis tab Purgo Al Awaiting Awaiting Awaiting Awaiting 1. Analysis 2. Design 3. Test Data 4. Test Code 5. Develop Code
Purgo Al Complete • Awaiting Awaiting Awaiting 1. Analysis 2. Design 3. Test Data 4. Test Code 5. Develop Code
Requirement: Re-process Next step Last modified: March 10, 2025 at 11:28 AM Next step
1. List of specific missing information:
 Definition of "allocated_qty": There is a high-level definition provided, but it lacks specificity regarding how "allocated_qty" should be computed from the sum of the given quantities.
 Detailed SQL requirements: There is a need for specific instructions on how the SQL logic should handle data from multiple tables. Instructions on table joins, filtering conditions, or any necessary calculations beyond summing columns are absent.

Step 3: Design

After analyzing the requirements, Purgo AI moves on to the design phase, and the design tab will become available. In this phase, a **Gherkins document** is automatically generated, which describes the app's features, scenarios, processing logic, and actions.

1. Initiate Design:

After reviewing the Requirement Analysis, you can either click on the "Next step" button or move into the "2. Design" tab and click on the "Design" button. Either way, this will trigger the processing of the design. Once the design is processed the next tab, "3. Test Data" will become available.

2. Gherkins Document:

This document will be stored in the associated repository and outlines all necessary specifications in a **YAML format**. It serves as the foundation for test and development code generation.

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rgo Al	 Awaiting. 2. Design 	 Awaiting 3. Test Data 	Awaiting 4. Test Code	Awaiting 5. Develop Code		

Step 4: Test Data and Code

Purgo Al follows a **Test-Driven Development (TDD)** approach. This means that before the actual application code is generated, test harnesses are created based on the specifications from the design phase.

1. Generate Test Data and Code:

Button

- 3- Test Data: After reviewing the Design output, click on the "Next step" button or move into the "3. Test Data" tab and click on the "Generate test data" button. Either one will trigger the generation of sample data for testing the code. After the sample data is generated, the next tab "Test Code" will become available.
- 4- Test Code: After reviewing the Test Data, click on the "Next step" button or move into the "4. Test Code" tab and click on the "Generate test code" button. Either one will trigger the generation of test scripts that will validate the application code.

3- Test Data

Generate test data

Complete 1. Analysis	Complete 2. Design	Awaiting3. Test Data	Awaiting 4. Test Code	Awaiting 5. Develop Code		1
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4- Test Code

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				Test Code tab
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	0	0		Anna Mara
Complete	Complete	Complete	Awaiting	Awaiting
1. Analysis	2. Design	3. Test Data	4. lest Code	5. Develop Code

③ There is no data available. In order to generate the test code, please click on the button below.

Button

Step 5: Develop Code

Generate test code

Once the test data and scripts are in place, the next and last tab, "5. Develop Code" will become available and now Purgo AI can generate the final code for your data application.

- 1. Initiate Code Generation:
 - After reviewing the Test artifacts (test data and test code), click on the "Next step" button or move into the "5. Develop Code" tab and click on the "Develop code" button.

Purgo AI will then generate **execution-ready code** based on the earlier analysis, design, and test steps.

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urgo Al ^{Complete} I. Analysis	Complete 2. Design	Complete 3. Test Data	Complete 4. Test Code	Awaiting Develop Code			

Note: Any of the five steps (analysis, design, test data, test code, develop code) can be re-processed, but when one step is reprocessed, all subsequent steps will become outdated and will have to be re-processed as well.

Note: If the Jira ticket is updated all the steps will become outdated and will have to be re-processed.

Step 6: Review and Execute Code

After Purgo AI generates the application code, it is placed in both your **GitHub repository** and your **Databricks Workspace** (if Databricks is configured for your project). The code can be reviewed and executed in these environments.

1. Open the Code in GitHub:

- A URL link will be provided by Purgo AI under the "5.Develop Code" tab, which will direct you to the **GitHub repository** where the code is stored.
- Click on the URL to review the code and any associated artifacts.

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Burgo Al	ntinue. tps://github.com/Life-Science/demo/blob/P	PD-20/src/PPD-20_Calcul	ate_Primary	Details
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<pre>/* Calculate allocated_qty logic for</pre>	Databricks SQL environment */			Sprint
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demo / sr	:/PPD-20_Calculate_primary_allocated_qty_of_a_plant_s_location_for_the_dr_develop.sql 🖓	
🕘 Purg	o Al Commit message	375cca1 · 44 minutes ago 🕚 History
Code	Blame 46 lines (41 loc) · 1.97 KB	Raw [] 🛃 🖉 👻 😳
1	/* Calculate allocated_qty logic for Databricks SQL environment */	
2		
3	Create a view for calculating allocated quantity	
4	CREATE OR REPLACE VIEW purgo_playground.vw_calculated_allocated_qty AS	
5	SELECT	
6	f_order_order_nbr,	
7	f_order_order_line_nbr,	
8	—— Calculate allocated_qty considering flag_cancel	
9	CASE	
10	WHEN f_order.flag_cancel = 'Y' THEN	
11	COALESCE(f_order.primary_qty, 0) + COALESCE(f_order.open_qty, 0) + COALESCE(f_order.shipped_qty, 0) - COALESCE(f_order.cancel_qty, 0)	
12	ELSE	
13	COALESCE(f_order.primary_qty, 0) + COALESCE(f_order.open_qty, 0) + COALESCE(f_order.shipped_qty, 0)	
14	END AS allocated_qty	
15	FROM purgo_playground.f_order	
16	WHERE order_nbr IS NOT NULL AND order_line_nbr IS NOT NULL;	
17		

2. Execute the Code in Databricks:

- If Databricks is configured for your project, you can also open the corresponding code in **Databricks**.
- In the Databricks Workspace, simply run the code to execute the data app and pipelines.

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Connecting Purgo to Jira

To fully utilize **Purgo AI** within Jira, you need to install the Purgo AI plugin and configure it using an API key. This process allows Jira to integrate with Purgo AI for seamless project management and automation. In this guide, we will walk through the steps required to install the Purgo AI plugin in Jira and set up the necessary API keys and integrations.

Step 1: Install the Purgo Al Plugin in Jira

Before you can configure the Purgo AI plugin, it must first be installed in your Jira instance.

1. Navigate to the Apps Section in Jira:

- Open Jira and log in with your account.
- In the **navigation menu**, click on the **Apps** option. This is usually located at the top of the Jira interface.

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2. Explore More Apps:

 After clicking on Apps, a dropdown menu will appear. Select Explore More Apps to browse for additional Jira plugins.



3. Search for Purgo AI:

 In the search bar at the top of the page, type the keyword Purgo and press enter.

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Apps	Jira / Marketplace apps	,¶€ Feedback
Atlassian Marketplace OAuth credentials Apps	Search results for Jira	
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		3.5/4 ★ ★ ★ (2)

• Look for the **Purgo AI** app in the search results.

4. Install the Purgo Al Plugin:

- Once you find the **Purgo AI** plugin, click on it to open the app details page.
- Click the Install button to add Purgo AI to your Jira environment.
- The installation process may take a few moments. Once complete, the Purgo Al app will be available in Jira.

Step 2: Configure the Purgo Al Plugin in Jira

With the Purgo AI app installed, you now need to configure it using the API keys generated from Purgo AI and GitHub. These keys will authenticate Jira to use Purgo AI's features.

- 1. Go to Project Settings:
 - In Jira, open the **Project** where you want to use Purgo AI.
 - Click on the **Project Settings** option, typically found in the left-side navigation panel.



2. Access the Purgo Al Configuration:

- In the Apps section of the Project Settings, click on Purgo AI to access the configuration page.
- This is where you will set up the API integration.

Your work - Projects -	Filters • More • + Q Search 9	00
Life Science Software project Back to project	Projects / Life Science / Project settings Details	
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Step 3: Configure GitHub and Purgo AI API Keys

Now that you're on the Purgo AI configuration page, follow these steps to set up the necessary authentication tokens.

- 1. Enter Your Purgo API Key:
 - You will need to enter the **API Key** generated from your Purgo AI account.
 - If you haven't generated an API key yet, follow the instructions in the Purgo AI Admin Panel to create one.
 - Once you have the key, paste it into the **Purgo API Key** field in Jira.

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Software project	Projects / Life Science / Project settings Purgo AI
Back to project	Configure Purgo Al for PPD
Details	Purgo API Key
Access	
 Notifications 	Cancel Save
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Microsoft Teams integration	
Purgo Al	

Step 4: Complete the Configuration

Once you have entered the required information (Purgo API Key):

- 1. Save the Configuration:
 - After inputting all the necessary key, click **Save** to finalize the setup.
- 2. Verify the Integration:
 - Once saved, Jira will now be connected to Purgo AI and GitHub. You can start using Purgo AI features within Jira to automate workflows, manage data apps, and more.

Summary

By following these steps, you've successfully installed and configured Purgo AI within Jira. This integration allows you to streamline data application development, automate processes, and connect Jira with GitHub for efficient project management. Be sure to safeguard your API keys and tokens as they provide access to your systems.

Usage Panel

Once Purgo AI is configured in Jira and actively used within your projects, you can track and monitor valuable insights using the built-in visual data tools provided by Purgo AI. These graphs allow you to monitor API usage, track project activity, and gain a better understanding of how Purgo AI is being utilized across your organization. This guide will walk you through the two key visual tools—**API Calls Graph** and **Stories Touched Graph**—and explain how to use them.

Prerequisites

Before you can visualize data in the graphs, make sure:

- Purgo Al is fully configured in Jira with an active API key.
- Your team is actively using Purgo AI within Jira for managing tasks, automating workflows, and interacting with user stories.

API Calls Graph

The **API Calls Graph** provides insights into how often the Purgo AI API is being used within your Jira projects. This graph allows you to monitor API call frequency and identify trends in usage over time.

Key Features:

- 1. Track API Usage:
 - The graph displays the total number of times the Purgo AI API has been called within a specific project or across multiple projects.
 - It helps you measure how frequently Purgo AI is being used to automate workflows and manage data applications.

2. Click to View Total API Calls:

- \circ You can interact with the timeline on the graph by clicking on specific points.
- This allows you to drill down into the data and view the total API calls made on specific dates for each project, as well as the overall total across all projects.
- 3. Supports Multiple Projects:

- The API Calls Graph can track activity for multiple projects using the same API key.
- This is useful for teams working on different projects, as it provides a centralized view of Purgo AI usage across the entire organization.

How to Use:

- Monitor this graph regularly to track how often Purgo AI is being used within your projects.
- Use the timeline to investigate spikes in API usage, which may indicate high activity periods or increased automation needs.

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Purgø ai			

Stories Touched Graph

The **Stories Touched Graph** is designed to show how many user stories in Jira have been worked on using Purgo AI. This graph helps project managers and team members understand the progress being made on various tasks and how actively Purgo AI is contributing to the project workflows.

Key Features:

1. Track User Stories:

- This graph displays the number of Jira stories that have been worked on within a specific project or across multiple projects.
- It shows the impact of Purgo AI in managing tasks and automating work across different story tickets.

2. Filter by Month:

- You can apply a filter to group data by month, allowing you to track how much work has been done over time.
- This feature helps you see trends in activity, such as whether your team is working more or less frequently on user stories with the assistance of Purgo AI.

3. Multiple Project Support:

 Like the API Calls Graph, the Stories Touched Graph supports multiple projects, giving you the ability to see the total number of stories worked on across all Jira projects configured with the Purgo AI API.

How to Use:

- Use the filter option to group data by month and assess the number of stories worked on over time.
- This is especially useful for tracking project progress and ensuring that Purgo AI is effectively helping your team manage tasks.
- Check this graph frequently to identify patterns in story activity and to adjust workflows as necessary.



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Purgo Play	ground	(PPD): 1	\mathbb{Z}
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You can interact with the elements of any of the two graphs

Insights and Monitoring Progress

Both the **API Calls Graph** and **Stories Touched Graph** offer valuable insights into how Purgo AI is being used in your Jira projects. Monitoring these graphs allows you to:

- Track overall **usage trends** of Purgo AI across your team or organization.
- Ensure that **API calls** and automated workflows are being effectively leveraged.
- Gain insights into the **volume of work** Purgo AI is handling through Jira story management.

• Use the data to **optimize team performance** by understanding when and where Purgo AI adds the most value to your projects.

Conclusion

By visualizing data through the **API Calls Graph** and **Stories Touched Graph**, Purgo Al provides an intuitive way to monitor the effectiveness of its integration with Jira. Regularly reviewing these graphs will help you identify trends, improve team workflows, and ensure you're getting the most out of Purgo AI's automation and project management features.

Connecting Purgo AI to Databricks

With the integration of **Purgo AI** and **Databricks**, you can seamlessly transfer generated information from Jira to Databricks using the **Develop Code** option in the Purgo AI plugin. This configuration ensures that all code generated in Purgo AI for Jira issues is automatically stored and available within your Databricks workspace.

Below is a step-by-step guide to configuring this integration:

Step 1: Access Project Settings in Purgo AI

1. Navigate to the "Project settings" screen:

• In Purgo AI, start by navigating to the "**Project settings**" option in the "only admins" section of the navigation menu (nav bar).



2. Click on Databricks:

• Once in the Project settings section, click on the "**Databricks**" tab. This is where you'll configure your Databricks account to work with Purgo AI.

Proje	ct sett	ings	Databricks Tab
General	Api keys	A Repositories	Databricks

Step 2: Fill in Databricks Configuration Details

In the **Databricks** section of the Project settings, you'll need to enter several key details from your Databricks account, such as the Databricks host configuration, the authentication method selection and the data configuration. These details allow Purgo AI to securely send generated data to your Databricks environment.

Here are the fields you need to complete for the **Databricks host configuration**:

1. Databricks Host:

- This field requires the URL of your Databricks workspace.
- To find it:
 - Log in to your Databricks account.
 - Navigate to your Databricks workspace and copy the URL from your browser's address bar.
 - Paste this URL into the **Databricks Host** field in Purgo AI.

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Microsoft Azure Search data, notebooks, recents, and more								
+ New	Workspace	Workspace → Users → mariana.pineda@k Test ☆	oombea.com >					
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Compute								

Here are the fields you need to complete for the **authentication method selection**:

In this section you will first have to pick your authentication method between "Databricks OAuth" and "Databricks token". Depending on the method you select, the info you have to provide will vary.

If you select **Databricks OAuth** you must provide the following information:

- 1. Client ID
- 2. Client secret

To find these information, both Client ID and Client secret you must:

- Log in to your Databricks account console as an account admin.
- In the left sidebar click on "User management".
- Then Click on the "Service principals" tab.
- Under "OAuth secrets", click "Generate secret".
- The generated secret and client ID will be displayed, copy them and paste them on Purgo AI under the respective inputs.

If you select **Databricks token** you must provide the following information:

- 1. Databricks Token:
 - The **Databricks Token** is an authentication token required to allow Purgo AI to communicate with your Databricks environment.
 - To generate this token:
 - Log in to your Databricks account.
 - Click on your profile icon and select **User Settings**.
 - Under the Access Tokens section, click on Generate New Token.
 - Copy the newly generated token and paste it into the **Databricks Token** field in Purgo AI.

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Settings	Developer Manage your development settings
Workspace admin Appearance Identity and access Security	Access tokens Set up secure authentication to Databricks API using access tokens Manage
Compute Development Notifications	SQL query snippets Configure SQL query snippets. Note: SQL query snippets will be moving to the SQL editor SQL Editor
Advanced User Profile Drafarancea	Editor settings
Developer Linked accounts Notifications	General Spark tips Enrich notebook error stack traces by displaying high-level "error hints" which explain otherwise- On On

Here are the fields you need to complete for the **Data configuration**:

- 1. Shared Directory:
 - The **Shared Directory** is the location within your Databricks workspace where Purgo AI will store generated data.
 - To configure this:
 - In Databricks, navigate through the workspace to the directory where you want the data to be stored.
 - You can either create a new directory or choose an existing one.
 - Copy the directory path and paste it into the Shared Directory field in Purgo AI.

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Name <u>≕</u> ^	Туре	Clone		ated at	
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QP-5	Folder	Export	>	4-11-29 10:04:25	
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2. Additional Fields (Optional):

- **Catalog Name**: If your Databricks environment uses Unity Catalog, enter the catalog name in the appropriate field.
- **Schemas**: Define any schemas needed for organizing the data in your Databricks workspace.
- Cluster ID: Include the cluster ID if necessary

Step 3: Finalize the Configuration

Once you've entered all the required information (Databricks host configuration, Authentication method selection, and Data configuration):

1. Save Your Settings:

• Ensure all fields are completed correctly, and then click **Save** to apply your configuration.

2. Verify the Integration:

• Your Jira instance is now connected to Databricks through Purgo AI. Any code or data generated via Jira will now be sent directly to Databricks.

Step 4: Using the Develop Code Option in Jira

Once the configuration is complete, Purgo AI will automatically send information generated from Jira issues to Databricks. Here's how it works:

- 1. Develop Code in Purgo AI:
 - In Jira, when you use the **Develop Code** option in the Purgo AI plugin, the system will automatically generate code based on the requirements outlined in your Jira issue.

2. Data Transfer to Databricks:

• The generated code and data will be automatically sent to the **Shared Directory** you specified during configuration.

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+ Add ^(®) Apps	Details	^
Description Introduction: The allocated quantity represents the stock that has been set aside for fulfilling specific customer orders, production orders, or transfer orders within the supply chain.	Assignee	O Unassigned Assign to me
Requirement: Create a SQL logic to calculate the allocated_qty in inventory stock management table 'f_order' that reflects how much of the plant's inventory has been committed to specific uses.	Labels	None
Clarification: The leading or primary table is f_inv_movmnt.	Parent	None
Specific business logic: So for that "order_nbr" and "order_line_nbr" has an entry in table "f_order" then add the qty of 4 columns primary_qty, open_qty, shipped_qty, and cancel_qty to represent the allocated_qty.	Sprint	QT Sprint 1
	Story point estimate	None
Purgo Al Complete Complet	Development Reporter	MP Mariana Pineda
Develop Code: Re-process data Databricks: https://adb- 1059044342754982.2.azuredatabricks.net/#workspace/Workspace/Users/mariana.pineda%40koombea.com/Test, 11/PPD-11_Calculate_primary_allocated_qty_of_a_plant_s_location_for_the_drug_sal_develop.sql 1	Created 6 minutes ago Updated 1 minute ago	🗘 Configure
URL: https://github.com/mariana-pineda/RedShift/blob/PPD-11/src/PPD-		
MP Add a comment		
Pro tip: press M to comment		

3. Access the Data in Databricks:

- In your Databricks workspace, navigate to the Shared Directory you specified in Step 2.
- You will find the generated data and code stored there, ready for you to run, review, or modify directly in Databricks.





Summary

By following these steps, you have successfully integrated **Purgo AI** with **Databricks**. This integration allows for seamless transfer of data and code generated from Jira directly into your Databricks environment, enhancing your workflow and ensuring that all generated assets are available in your preferred cloud workspace.

Account Panel

The **Account Panel** in Purgo AI is where you can configure and manage settings related to the account itself. To access this panel you must click on your icon or name, located at the top of the navigation menu (nav bar). Below, we will guide you through the different sections of the Account Panel, Profile, Security and Notification settings.

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Demo's Project 🗸 🗸
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←] Logout
Purgo ai https://app.purgo.ai/profile

Profile tab

The **Profile** section lets you update personal and company information to ensure your account reflects the correct details.

1. Personal Information

- Name:
 - You can update your name in the text box provided. Any changes will reflect in your account profile.
- Email:
 - This is a read-only field that shows the email associated with your Purgo AI account. If you need to change your email, you may need to contact support.

2. Company Information

- Company Size:
 - Use the dropdown menu to select the size of your company. This is useful for tailoring Purgo AI features and resources to better suit your organization's scale.
- Company Name:

• Enter your company's name here for accurate representation in your profile.

• Industry:

- Select your industry from the dropdown menu. This helps in aligning Purgo AI's features to your industry's specific needs.
- Website:
 - Provide the URL of your company's website in this field

Profile Tab

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User 01 This is the name associated with t npany information Size Select company size	User01@outlook.com This is the email associated with this account Company name Enter company name
User 01 This is the name associated with t npany information Size Select company size	User01@outlook.com This is the email associated with this account Company name Cimpany name Enter company name Website

Security tab

The **Security** section in the Account Panel allows you to manage security aspects of your Purgo AI account.

- Change Password Button:
 - To change your account password, simply click on the Trigger Password Change button. You will be prompted to follow the necessary steps to update

your password securely. It's recommended to periodically change your password to maintain account security.

Note: This tab (Security tab) will only be available if you didn't sign in directly with your google or microsoft account.

Acc	count				
Profile	Security	Notifications			
hange	password				
you wi	ish to change	your password us	e the link below to	o get started	
		Bu	tton		

Notification Tab

In the Notification section of the Account Panel, you can manage the notifications for projects, and teams. Here, you can decide whether you want to receive in app notifications, email notifications or both. It's as easy as just turning on or off the toggle buttons for the respective notifications.

Project settings

In the **Project settings** section you can manage various settings related to your projects. Within this section you can configure the general aspects of your project, as well as the API keys, Repositories, Databricks, Enterprise and LLMs settings. You can access the project settings from the navigation menu (nav bar), under the "Only admin" section clicking on "**Project settings**". Below, we will guide you through the different sections of the project settings

The **General Settings** section allows you to manage your Purgo AI project details, set defaults, and configure integrations with external platforms like Databricks.

1. General settings

- Project Name:
 - This is where you can set the name of your Purgo project. Simply enter your preferred name in the text box provided.
- Project ID:
 - You will see a read-only field that displays the unique Project ID assigned to your Purgo AI project. This ID is essential for internal tracking and integration with external systems.

2. Repositories settings

- Enter Your GitHub Repository:
 - Below the GitHub Auth Type field, you'll see a field to input your **GitHub Repository**.
 - Enter the URL or name of the GitHub repository where you want Purgo AI to store generated data and code.
- Generate and Enter GitHub API Token:
 - To connect Jira and Purgo AI to GitHub, you'll need to generate a GitHub API Token.
 - In GitHub, go to your **Profile Settings**.
 - Navigate to Developer Settings > Personal Access Tokens and click on Generate New Token.
 - Copy the token and return to Jira. Paste the token into the appropriate field under GitHub Authentication.

3. Databricks Settings

Purgo AI provides seamless integration with Databricks. In this section, you can configure your connection details to ensure smooth data migration and analytics.

- Databricks Host:
 - Enter the URL of your Databricks workspace here.
- Databricks Token:
 - This field is for your Databricks access token. You can generate the token from your Databricks account under the User Settings. Paste the token here to enable secure integration.

• Shared Directory:

- Specify the directory within Databricks where your generated data and scripts will be stored.
- Catalog Name:
 - If you are using Databricks' Unity Catalog, enter the Catalog Name associated with your workspace.
- Schemas:

- Define the schemas for your data. You can manage different schema names that will help organize data within your Databricks environment.
- 4. API keys settings

The **Admin Panel** in Purgo AI allows users to manage API keys, which are essential for integrating Purgo AI with other platforms like Jira, GitHub, and Databricks. API keys serve as authentication tokens, enabling secure communication between Purgo AI and external services. In this guide, we'll walk you through the process of creating, copying, and managing API keys using the admin panel.

Step 1: Access the Admin Panel

To create or manage API keys, you first need to access the admin settings.

- 1. Login to Purgo AI:
 - Once you are logged into Purgo AI, navigate to the Admin Panel by clicking on the settings icon (located at the bottom of the left menu bar).

PD Purgo Demo	Account	API keys			
Alpha Initiative V	Profile Security	API keys are used to identify and authenticate your identity. As a Purgo.ai user, you can create and manage your API keys here			
000 Usage	Development	Remember to not share or post your tokens publicly			
약 DW migration	Project				
Settings	API Keys	Create an API key to access the Purgo.al API			
	Team	+ Create new secret key			
	Terms of service				
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←] Logout					
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2. Settings and API Key Button:

 If you are a new user, you will find a button labeled "Create new secret key" under Settings >> API Key in the console. Click on this button to proceed.

Alternatively:

• You can access the API Key management by going to the **API Keys** option in the side menu of the Admin Panel.

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Alpha Initiative 🗸	Profile	API keys are used to identify and authenticate your identity. As a Purgo.ai user, you can create and manage your API keys here				
oD) Usage	Security Development	Remember to not share or post your tokens publicly				
ංස DW migration	Project					
Settings	General ADI Keys					
	Team	+ Create new secret key				
	Terms of service					
	Privacy policy					
	EULA					
←] Logout						
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Step 2: Create a New API Key

Once you're in the API Keys section of the Admin Panel, follow these steps to create a new API key:

- 1. Click the Create New Secret Key Button:
 - Look for the **Create new secret key** button. Click on this button to generate a new API key.

2. Generated Key Modal:

• A modal (popup window) will appear displaying your newly generated API key. This key is unique and will be required for secure integration with other platforms.



Step 3: Copy and Save Your API Key

- 1. Copy the API Key:
 - In the modal, you'll see the generated API key. Copy the key to a secure location.

Step 4: Managing API Keys

1. View Existing API Keys:

• After you close the modal, the newly created API key will appear in the API Keys section of the Admin Panel.

2. Delete an API Key:

 If you no longer need an API key, you can easily delete it by clicking on the Delete button next to the key.

MA Purgo Demo	Account	API keys				
Purgo Project 🗸	Profile API keys are used to identify and authenticate your identity. As a Purgo.ai user, you can create and manage your A Security here					
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	Team	pk0664ad	11-19-2024	N/A	©	
	Terms of service					
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Troubleshooting

Jira User Stories

Problem: Code developed by Purgo AI does not contain a Github Repository link

Solution: If the Github Repo address and Github API Token are not configured for the project on the Purgo AI Console, the Github URL will not be populated for Purgo AI-generated output. Admin should configure these to solve this problem

Problem: Code developed by Purgo AI does not contain a Databricks link

Solution: If the Databricks host, token and shared directory are not configured, the Databricks URL will not be generated when running the "Develop Code" step.

Problem: The "Requirement" step is executed with a file type other than those supported, and the error message "File type not supported" is shown.

Solution: Supported file extensions for Jira attachments include ['csv', 'xls', 'xlsx', 'xml', 'txt', 'dat', 'json']

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Problem: When running the "Requirement" step with a corrupt file, the error message "File to process attachment" is generated.

Solution: Check the attachment files to ensure the file is not corrupt and can be opened using Excel and/or a text editor, depending on the file type.

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Problem: When processing a file (.xls, .xlsx), the context result appears outside the "Code snippet" element because the number of columns is too large. The header does not fit within the 32K buffer limit.

Solution: Reduce the number of columns in the file header to fit within the 32K buffer limit, or split the data across multiple sheets/files to ensure compatibility with the "Code snippet" element display constraints.

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🔠 👎 Jira 🖓 Your	work v Projects v Filters v Dashboards v Teams v Apps v Create	٩	Search	🥐 📀 🔉 🚯			
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F Timeline	Bre Has proced With common!	Details		^			
Backlog	Promp, press in to comment	Assignee					
Board	PA Purgo Al 1 minute ago de 1 Criteria for extraction "product size" from "product description" are not defined	Assignee	Assign to me				
Calendar NEW	2. Format or structure of `product_description `Is unclear.	Labels	None				
	 Handling of 'product_id' for size extraction is not specified. Expected output format for extracted 'product_size' is not provided. 	Parent ①	None				
Goals	5. Sample product descriptions are not included for reference.	Team	Nene				
	6. Error handling or logging requirements are not mendoned.	ream	None				
Issues	Context:	Sprint	QA Sprint 1				
+ Add view	Attachment: LiverOutcomeMonitoringRegistry DEID Data - Complication Index.xlsx - LiverOutcomeMonitoringRegistry	Story point estimate	None				
DEVELOPMENT	1						
≮∕≽ Code	Record ID, Transplant Hospital Code, Donor Age, Allocation Type, Donor Gender, Donor Ethnicity, Donor Height, Donor Weight, Donor Cause of	Development	Create branch				
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Project pages	Transplant Procedure, Recipient Height (cm) at Transplant, Recipient Weight (kg) at Transplant, Recipient BMI at Transplant, Recipient	Reporter	🚯 Mariana Pineda				
Add shortcut	Diabetes Mellitus at Listing, Recipient Hypertension, If Yes enter number of antihypertensive medications with which the patient is being treated Current Smoker within One Year Functional Health Status at TRR Recipient Recent Infection Recent Infection (Select all that apply)						
Project settings	(choice=Pneumonia), Recent Infection (Select all that apply) (choice=Bacteremia), Recent Infection (Select all that apply)	Automation 97 Rule	executions	*			
	(choice=Cholangitis), Recent Infection (Select all that apply) (choice=SBP), Recent Infection (Select all that apply) (choice=Soft Tissue	Created 20 hours ago		Configure			
Invite people	(choice=Other),Other Description,Dialysis At Least Twice in the Prior Week,Recipient Blood Type,WBC at Transplant,WBC at	Updated 3 seconds ago					
	Transplant.1,WBC at Transplant Date,Serum Creatinine at Transplant,AST at Transplant,AST at Transplant.1,AST at Transplant Date,ALT at						
You're in a team-managed	project Transplant,ALT at Transplant.1,ALT at Transplant Date,Total Bilirubin at Transplant,INR at Transplant,Calculated MELD score at Transplant Recipient Medical Condition at Transplant Pathology Confirmed Diagnosis Text of Pathology Confirmed Diagnosis Excention						
Learn more	Case at Transplant, Allocation MELD/PELD or Status at Transplant, Recipient Portal Vein Thrombosis at Transplant, Recipient intubated at time						

Problem: When running the "Requirement" step with a file larger than 5MB, the error message "Attachment is too large to process" is shown.

Solution: The current attachment file size limit is 5MB per file. Reduce the file size to meet this limit, or split the data across multiple smaller files to proceed with processing.

Problem: When accessing the Purgo AI app in Jira, the error message "Purgo AI: Request failed" appears.

Solution: This issue often arises from a mismatch between the API Key configured in Jira and the one generated in the Purgo AI Admin Console. To resolve this:

- 1. Log in to the Purgo AI Admin Console at <u>https://app.purgo.ai</u>.
- 2. Navigate to the Project API Key section.
- 3. Verify that the API Key matches exactly with the one configured in your Jira Project.

Ensuring both keys are identical should resolve the "Request failed" error.



Jira Admin Configuration

Problem: During Purgo AI configuration, the console displays the error: "Unauthorized: Invalid Purgo API Key."

Solution: This error typically indicates a mismatch between the API key configured in your Jira project and the one generated in the Purgo AI Admin Console. To resolve this issue:

- 1. Log in to the Purgo AI Admin Console at <u>https://app.purgo.ai</u>.
- 2. Navigate to the Settings -> Project -> API Key section.
- 3. Verify that the API key matches exactly with the one configured in your Jira project.

Ensuring both keys are identical should resolve the "Unauthorized: Invalid Purgo API Key" error.

provides users with an intuitive interface to manage various settings related to your projects, personal information, and security. Below, we will guide you through the different sections of the Admin Panel, focusing on **General Settings**, **Security Settings**, **API Keys** and **Profile Settings** to help you configure your Purgo AI experience efficiently.