

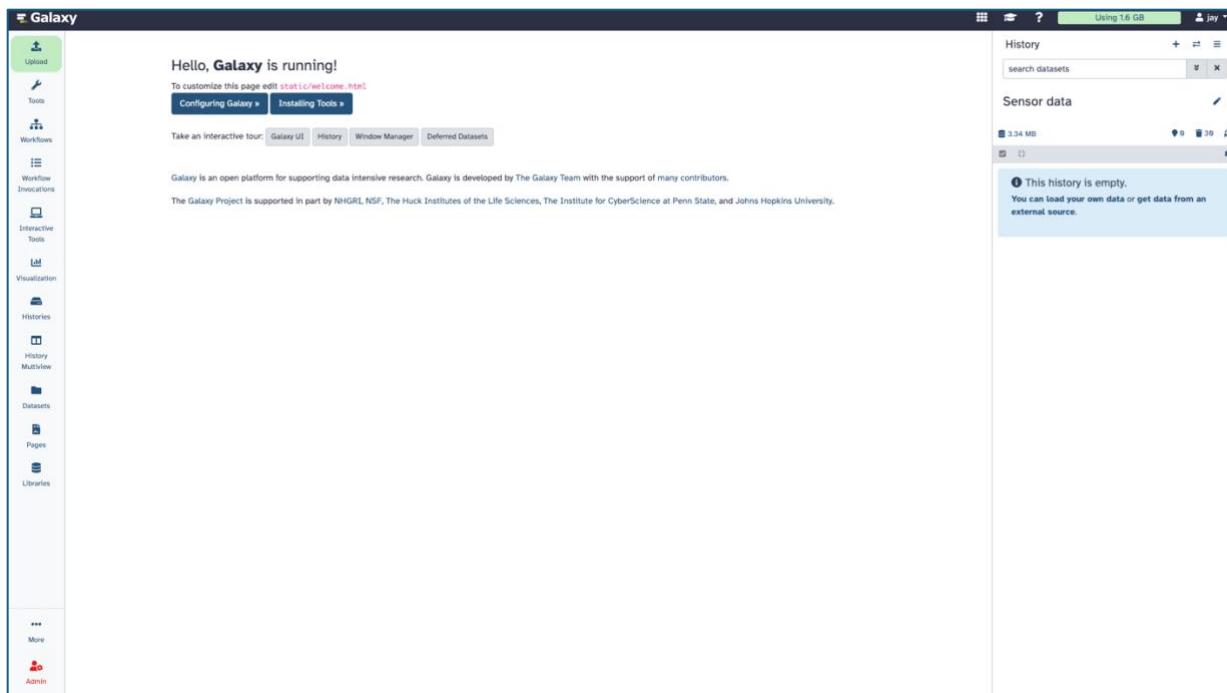
## GAIA-C (Galaxy Air Investigation and Analysis for Citizens) - A scalable Galaxy workflow interface for air pollution research.

### Tutorial to execute data analysis workflow

Select the top right “**Login or Register**” button and login to the default admin user account using default username “**admin@example.org**” and password “**password**”.

#### Step 1: Download the data

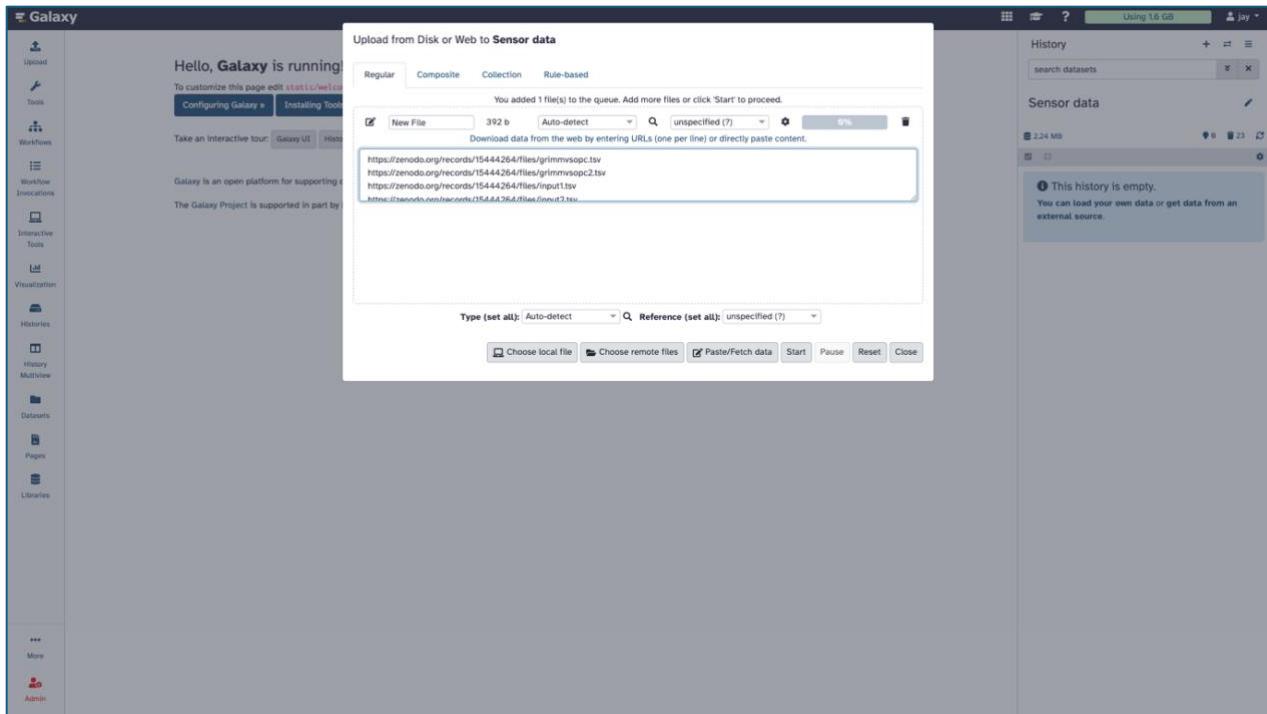
1.1 Select the **Upload** icon in the top-left corner.



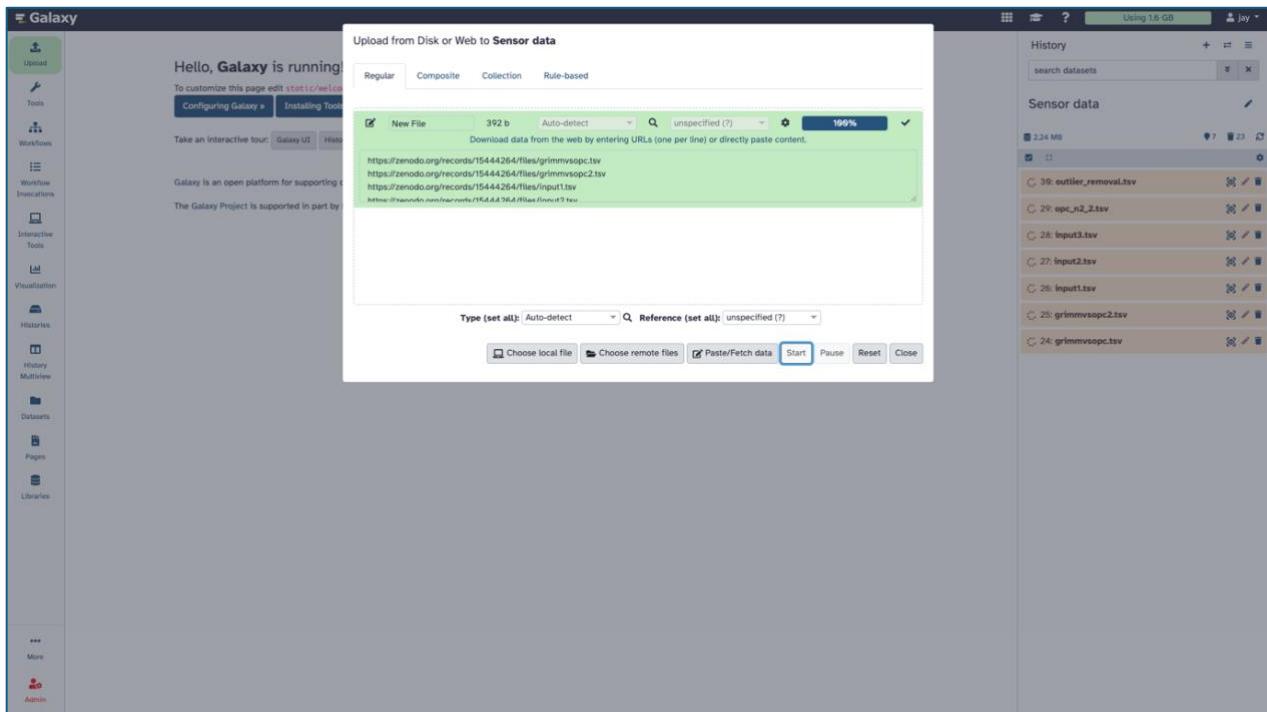
1.2 Copy and paste the following links into the Upload tool

<https://zenodo.org/records/15444264/files/grimmsopc.tsv>  
<https://zenodo.org/records/15444264/files/grimmsopc2.tsv>  
<https://zenodo.org/records/15444264/files/input1.tsv>  
<https://zenodo.org/records/15444264/files/input2.tsv>  
<https://zenodo.org/records/15444264/files/input3.tsv>  
[https://zenodo.org/records/15444264/files/opc\\_n2\\_2.tsv](https://zenodo.org/records/15444264/files/opc_n2_2.tsv)  
[https://zenodo.org/records/15444264/files/oulier\\_removal.tsv](https://zenodo.org/records/15444264/files/oulier_removal.tsv)

Select “**Paste/Fetch data**” and copy paste all the link to the box and click “**Start**”

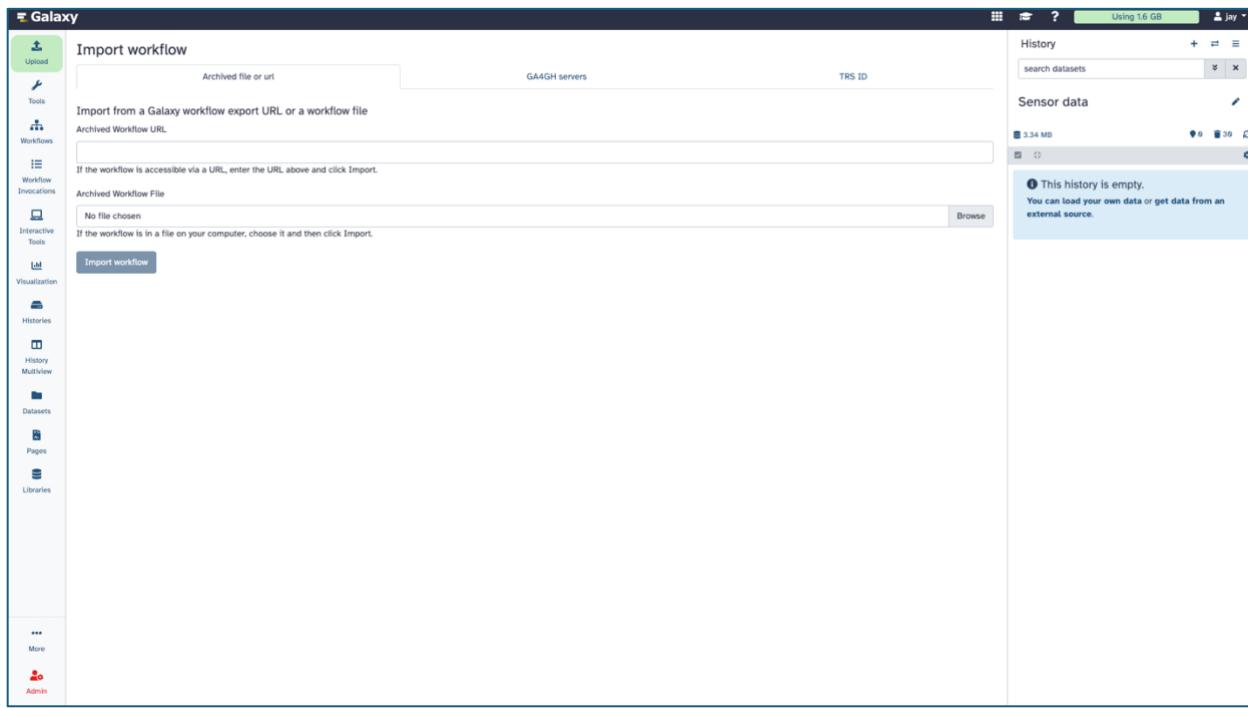


The data will be downloaded in the right-side **history panel**.

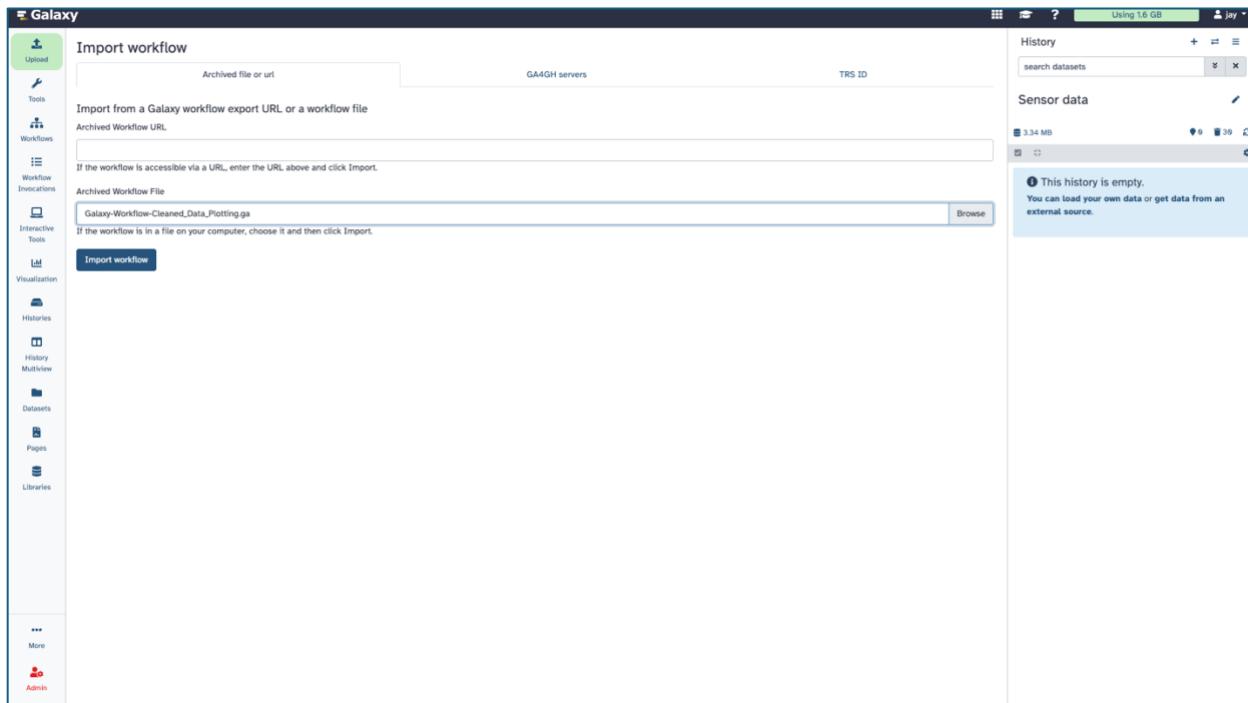


## Step 2: Workflow execution

2.1 Select the **workflow** icon from the left-hand menu



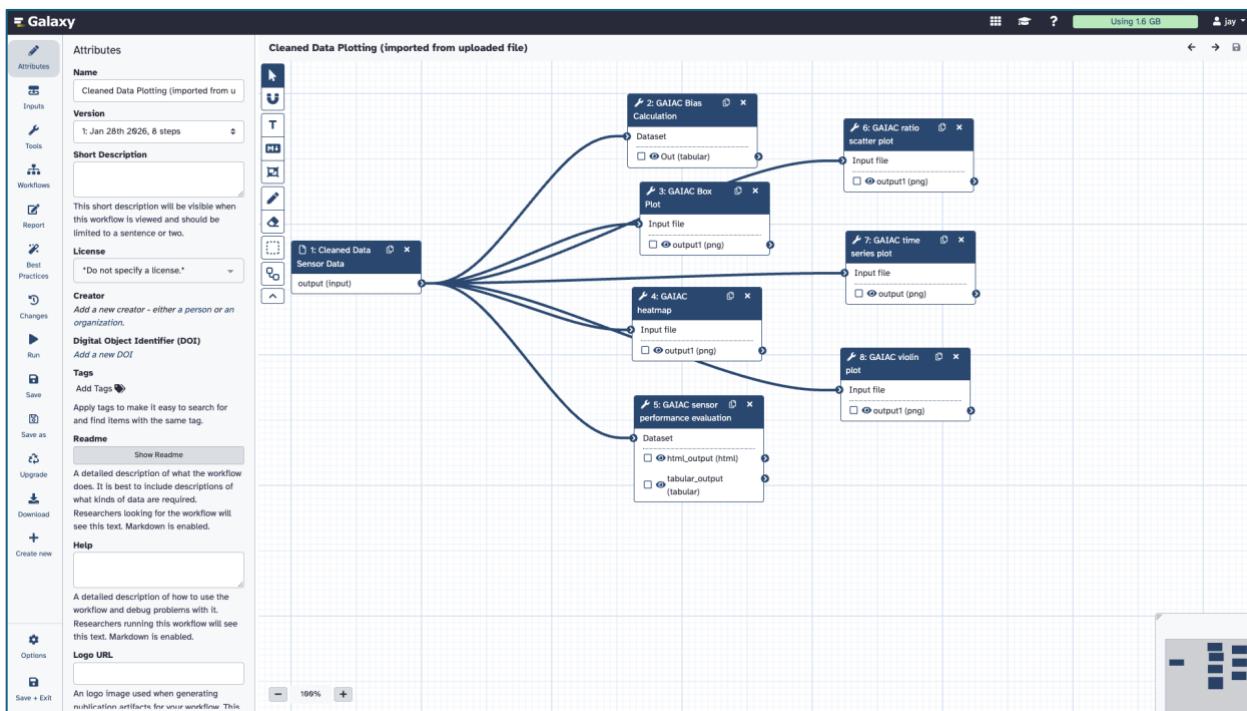
2.2 Browse for the workflow file (e.g., “Galaxy-Workflow-Cleaned\_Data\_Plottin ga”), then click **Import workflow**.



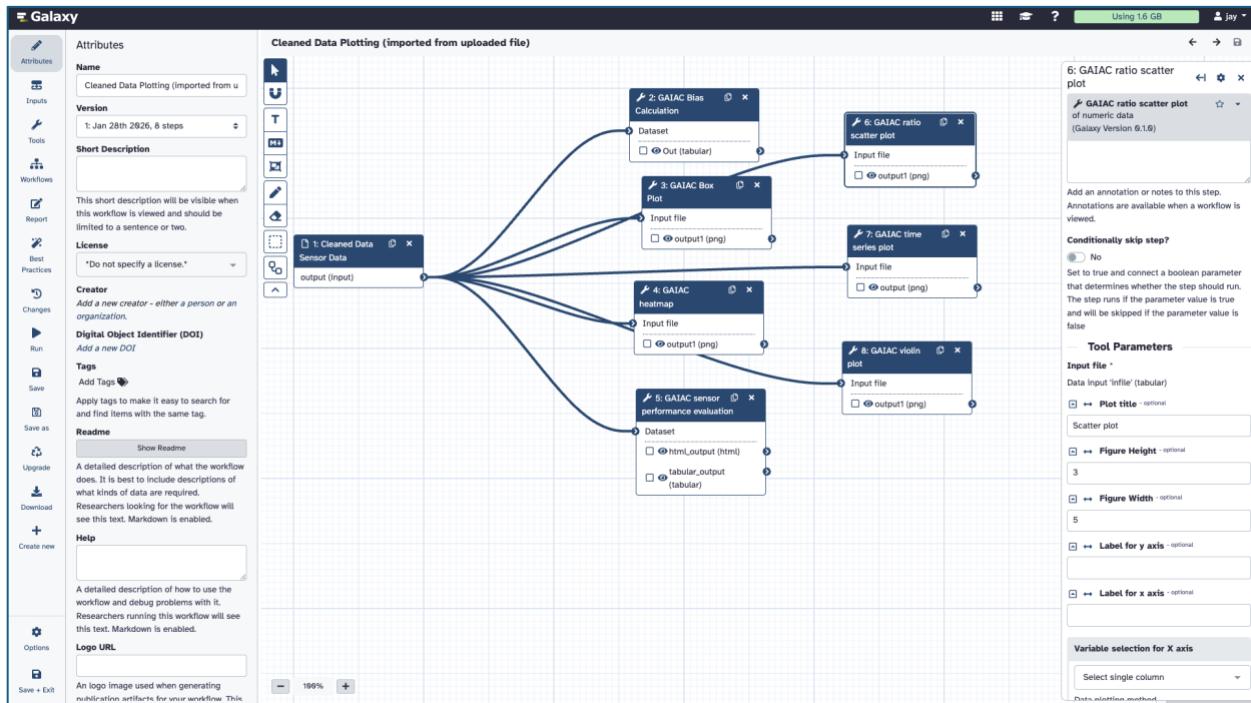
2.3 From the list, for desired workflow, click on the **Edit** icon

The screenshot shows the Galaxy web interface with the 'Workflows' tab selected. A specific workflow, 'Cleaned Data Plotting (imported from uploaded file)', is highlighted with a blue border. The workflow card displays its name, creation date ('1: Jan 28th 2026, 8 steps'), and a 'Edit' button. To the right, there's a 'Sensor data' section showing a history entry for a dataset ('3.34 MB').

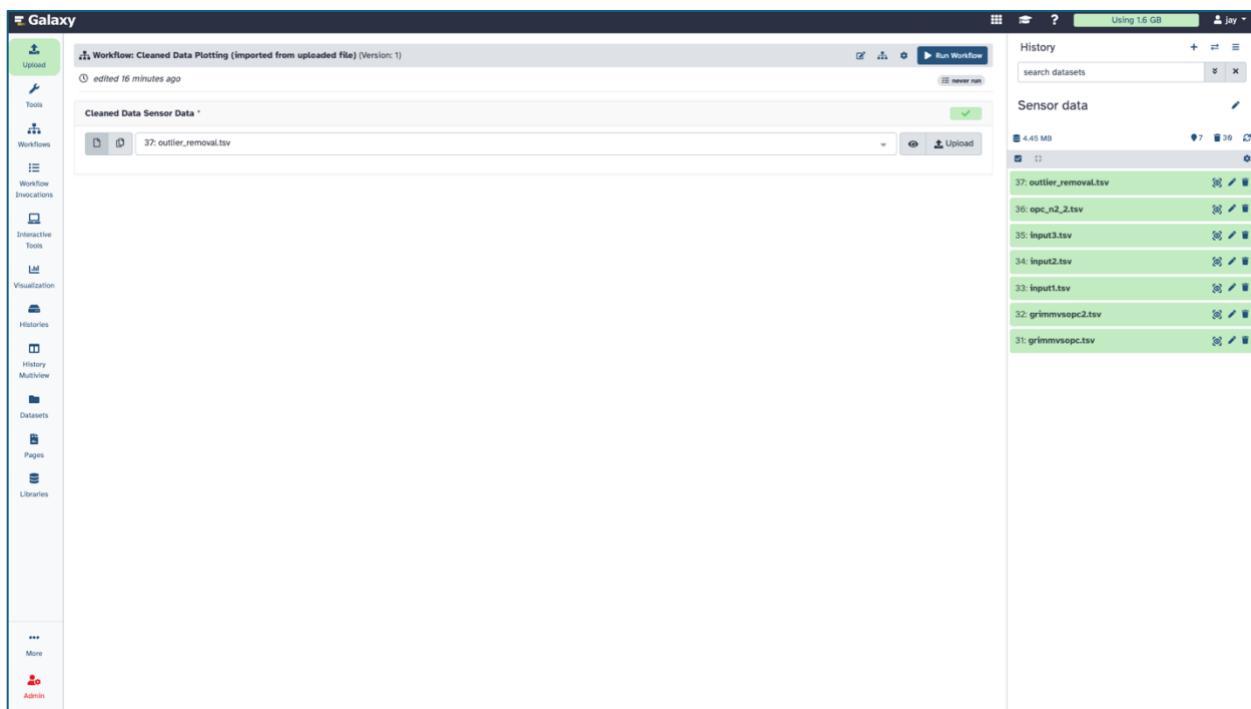
2.4 The workflow editor allows you to edit the workflow.



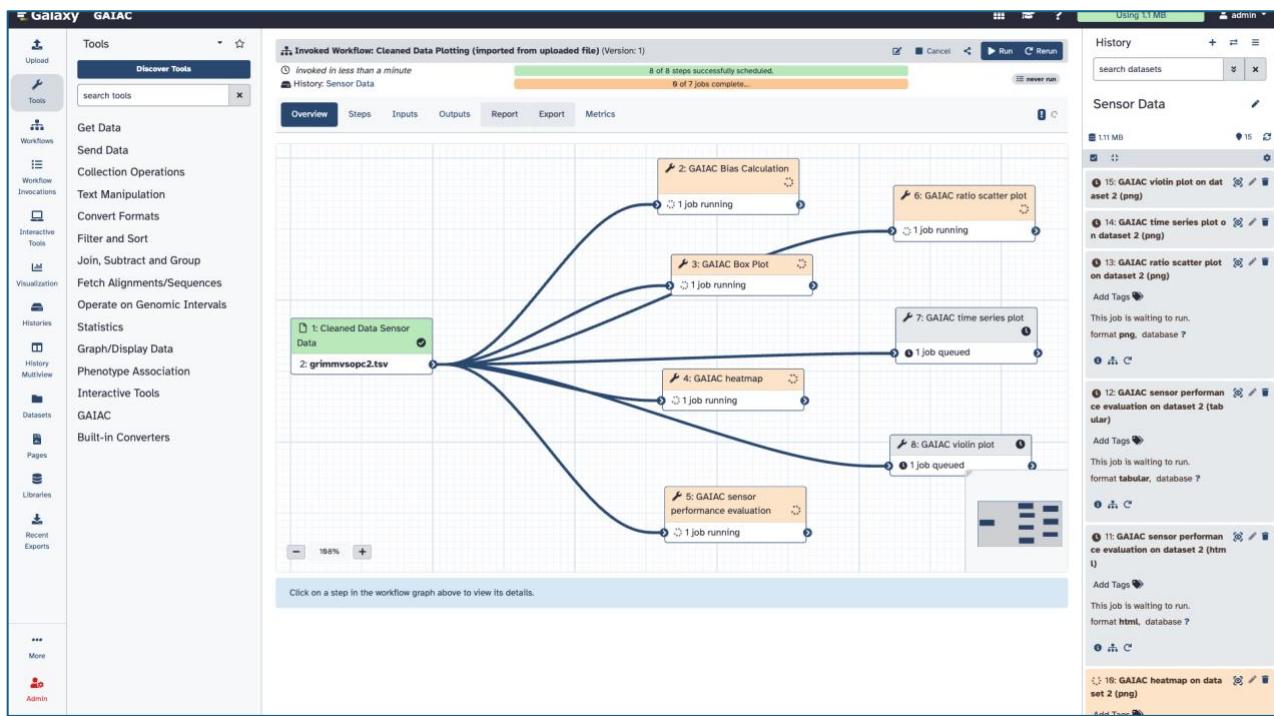
2.5 Tool parameters can be configured from the right-side panel by selecting a tool from workflow editor. Once ready, click the **Run** button from the left-hand toolbar



2.6 Select the input data, then click **Run workflow**.



2.7 This will execute the job, and the result will be available in the History pane



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