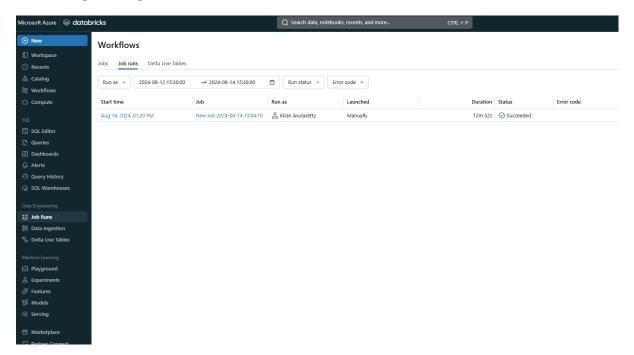
Jobs in Databricks

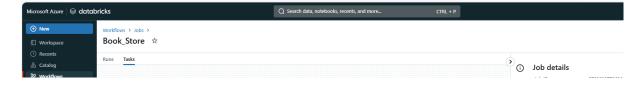
- 1. In this demo we are going to orchestrate our book_store pipeline, with Databricks jobs.
- 2. For this we will create a multi-task job by clicking jobs runs under data engineering section in the sidebar.



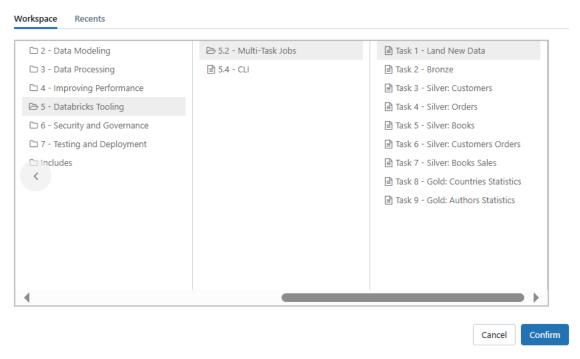
3. Once you are on the job runs page, on the top right click on create job. This will open job creation page.



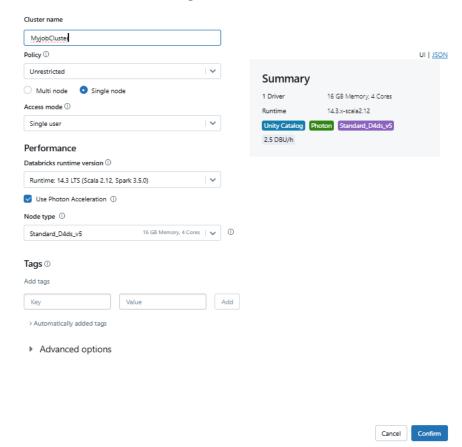
4. On the top left set the name as bookstore and start configuring the first job.



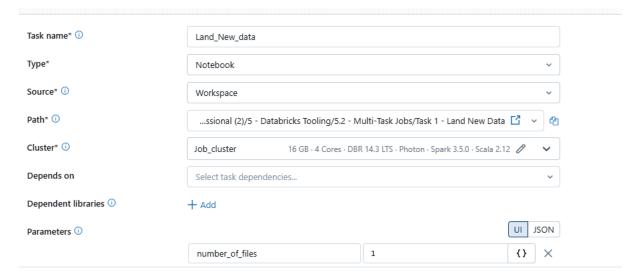
- 1.In the configuration page, for task 1, enter the following details:
 - Task name: Landing_New_data
 - Path: Click on the drop down to select Land_New_Data Notebook, then click on confirm.



- Parameters: Click add, in key type: number_of_files and in value type: 1.
- Cluster: create a new single node cluster to save the cost.



- Retries: Leave it default.
- Then Click create.

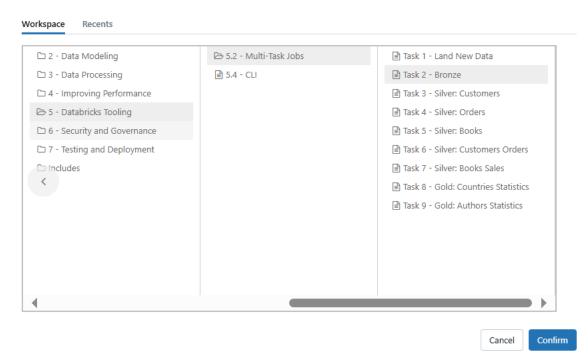


In the job details, on the right, if you scroll down you can see the maximum concurrent runs that allow you to perform multiple runs of the same job concurrently.

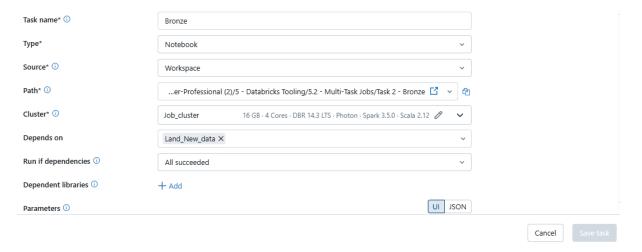
2. Now, lets add our second task, for that click +Add task and in the task configuration page enter the following details.



- Task name: Bronze
- Path: Click on the drop down to select Bronze Notebook, then click on confirm.



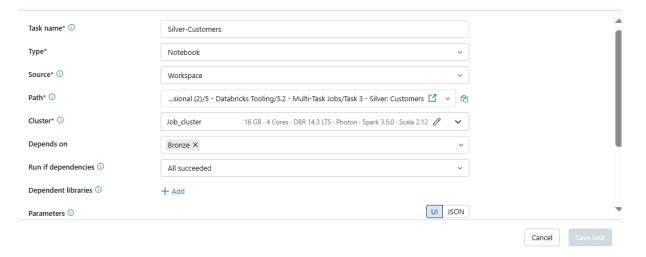
- Cluster: select the same cluster which we created in the previous task creation.
- Depends: Ensure that Landing_New_data is selected
- click on create task.



- 3. Now, lets add our third task, for that click +Add task and in the task configuration page enter the following details.
 - Task name: Silver customers
 - Path: Click on the drop down to select Silver_customers Notebook, then click on confirm.



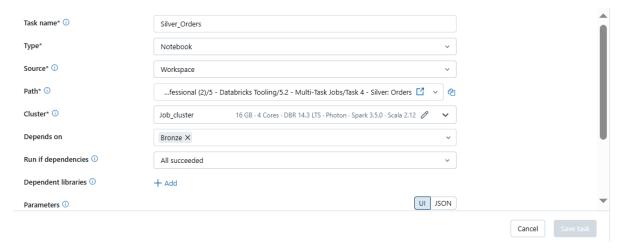
- Cluster: select the same cluster which we created in the previous task creation.
- · Depends: Ensure that only Bronze task is selected
- click on create task.



- 4. Now, lets add our fourth task, for that click +Add task and in the task configuration page enter the following details.
 - Task name: Silver_orders
 - Path: Click on the drop down to select Silver_orders Notebook, then click on confirm.



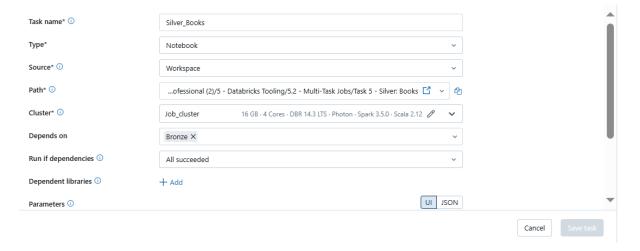
- Cluster: select the same cluster which we created in the previous task creation.
- Depends: Ensure that only Bronze task is selected
- click on create task.



- 5. Now, lets add our fifth task, for that click +Add task and in the task configuration page enter the following details.
 - Task name: Silver_books
 - Path: Click on the drop down to select Silver_books Notebook, then click on confirm.



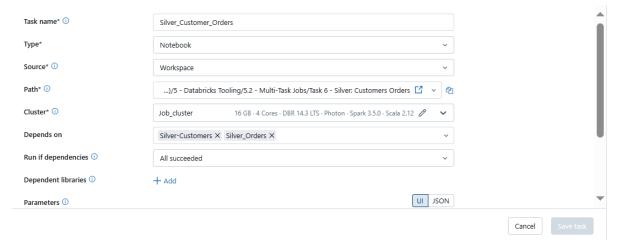
- Cluster: select the same cluster which we created in the previous task creation.
- · Depends: Ensure that only Bronze task is selected
- click on create task.



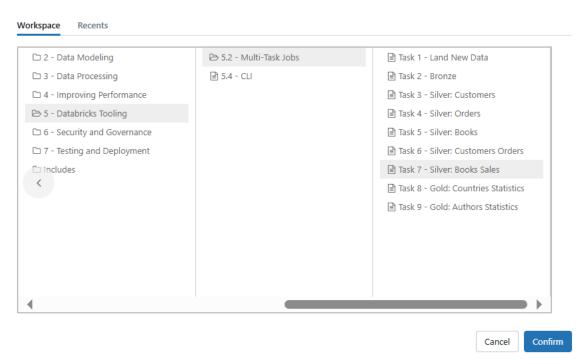
- 6. Now, lets add our next task, for that click +Add task and in the task configuration page enter the following details.
 - Task name: Silver_customers_orders
 - Path: Click on the drop down to select Silver_customers_orders Notebook, then click on confirm.



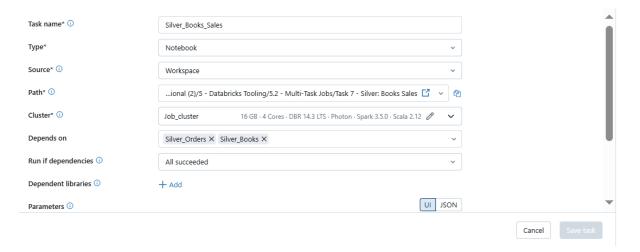
- Cluster: select the same cluster which we created in the previous task creation.
- Depends: Ensure that both Silver_customers and Silver_orders tasks are selected
- click on create task.



- 7. Now, lets add our next task, for that click +Add task and in the task configuration page enter the following details.
 - Task name: Silver_Book_sales
 - Path: Click on the drop down to select Silver_Book_sales Notebook, then click on confirm.



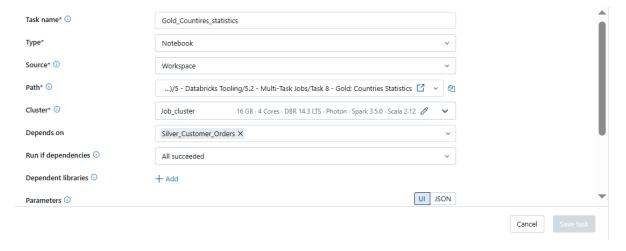
- Cluster: select the same cluster which we created in the previous task creation.
- Depends: Ensure that both Silver_Orders and silver_Books tasks are selected
- click on create task.



- 8. Now, lets add our next task, for that click **+Add task** and in the task configuration page enter the following details.
 - Task name: Gold_countries_Statistics
 - Path: Click on the drop down to select Gold _countries_Statistics Notebook, then click on confirm.



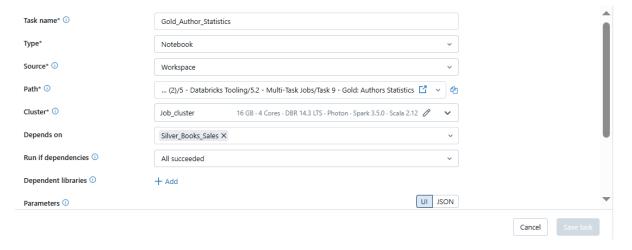
- Cluster: select the same cluster which we created in the previous task creation.
- Depends: Ensure that both Silver_Orders and silver_Customers tasks are selected
- click on create task.



- 9. Finally, lets add our last task, for that click **+Add task** and in the task configuration page enter the following details.
 - Task name: Gold_Authors_Statistics
 - Path: Click on the drop down to select Gold _Authors_Statistics Notebook, then click on confirm.

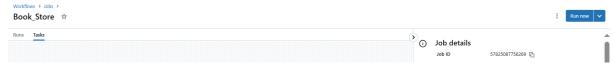


- Cluster: select the same cluster which we created in the previous task creation.
- Depends: Ensure that only Silver_Book_sales task is selected
- click on create task.



Now, all the tasks and dependencies between them are configured now. Let's go ahead and run this job.

Click Run Now.



Navigate to the Runs tab and observe that first our compute is getting created, then the

job the will get executed. Once the job is executed you will be able to see the following screen.

