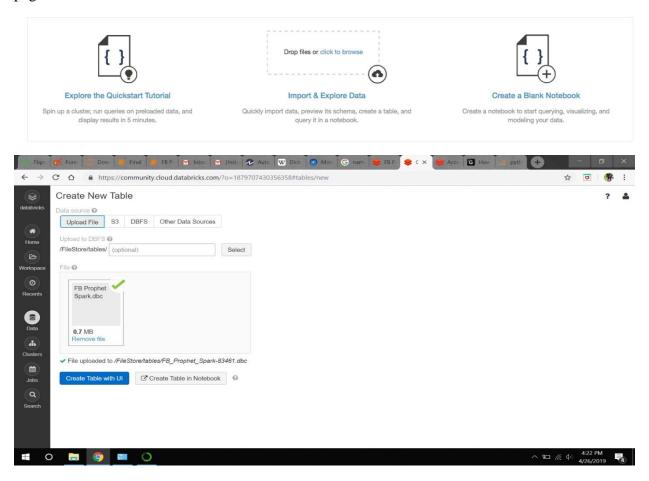
# How to run the code in Databricks-

**Databricks**- Databricks is a managed platform for running Apache Spark and provides a host of features to help its users be more productive with Spark. It's a point and click platform for those that prefer a user interface. However, this UI is accompanied by a sophisticated API for those that want to automate aspects of their data workloads with automated jobs.

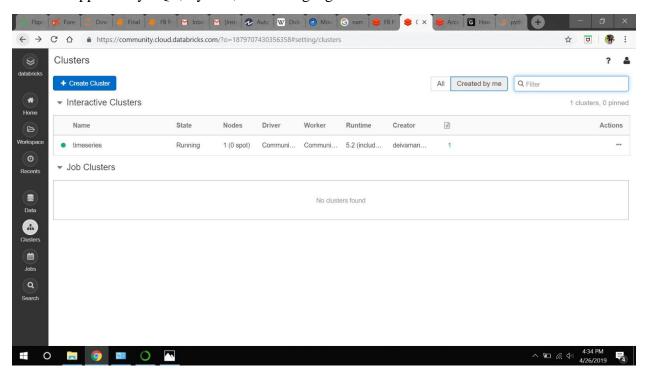


**1. Import data-** Drop files into or click to browse in Import & Explore data box on landing page.

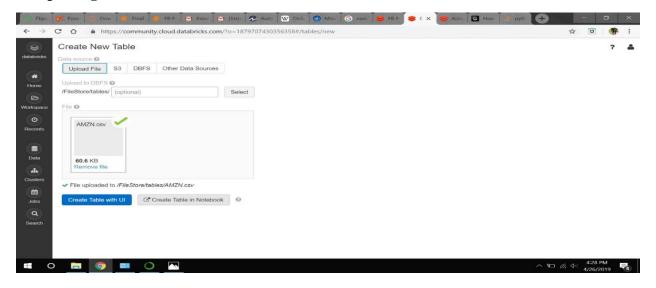


# 2. Creating Cluster:

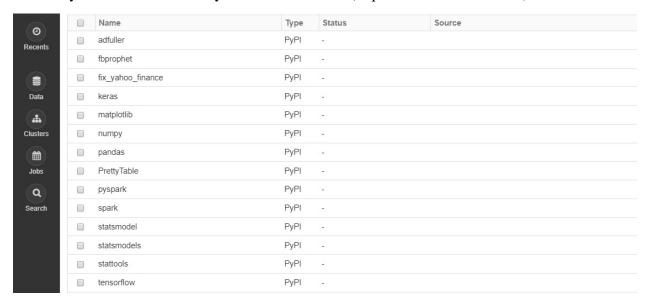
In Databricks you can create two different types of clusters: standard and high concurrency. Standard clusters are the default and can be used with Python, R, Scala, and SQL. High-concurrency clusters are tuned to provide the efficient resource utilization, isolation, security, and the best performance for sharing by multiple concurrently active users. High concurrency clusters support only SQL, Python, and R languages.



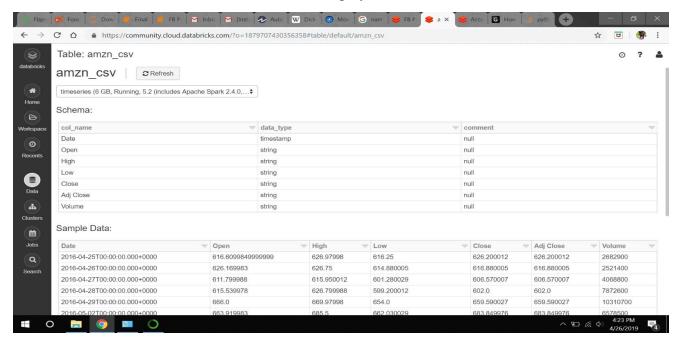
# 3 Importing CSV file-



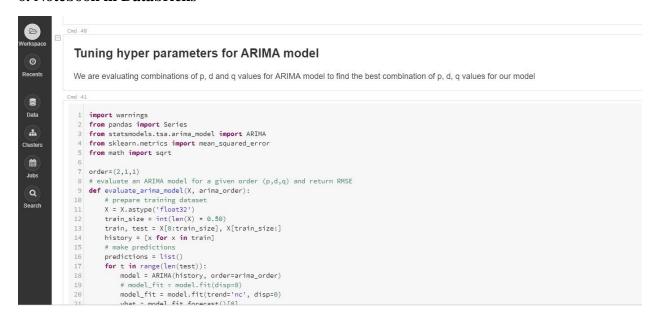
**4. Importing Libraries**- The below libraries are the required for our model. Steps to getting libraries installed- Select the running cluster which you have created earlier then click on the libraries you want to install for your model and done(required libraries installed)



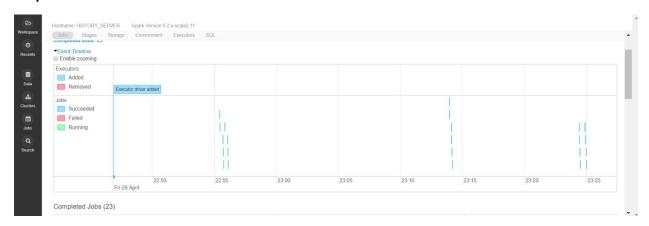
**5. View databases and tables**- Click on the sidebar. Databricks selects any running cluster to which you have access. The Databases folder displays the list of databases with the default database selected. The Tables folder displays the list of tables in the default database.



### 6. Notebook in Databricks



### 7. Spark UI



# 8. Computational Time

### SQL

### Completed Queries

D	Description		Submitted	Duration	Jobs
0	collectResult at OutputAggregator.scala:132	+details	2019/04/26 23:28:20	3 ms	
9	toDF at CustomDisplayTypes.scala:77	+details	2019/04/26 23:28:20	0 ms	
8	collectResult at OutputAggregator.scala:132	+details	2019/04/26 23:28:20	17 ms	
7	toDF at CustomDisplayTypes.scala:77	+details	2019/04/26 23:28:20	0 ms	
5	sql at SQLDriverLocal.scala:87	+details	2019/04/26 23:28:20	27 ms	
6	sql at SQLDriverLocal.scala:87	+details	2019/04/26 23:28:20	9 ms	
4	toPandas at <command-2828119668611524>:1</command-2828119668611524>	+details	2019/04/26 23:24:59	0.1 s	22
3	collectResult at OutputAggregator.scala:132	+details	2019/04/26 23:24:51	0.2 s	20
2	load at NativeMethodAccessorImpl.java:0	+details	2019/04/26 23:24:51	0.2 s	19
1	toPandas at <command-2828119668611524>:1</command-2828119668611524>	+details	2019/04/26 23:24:28	0.1 s	18
0.0	collectResult at OutputAggregator.scala:132	+details	2019/04/26 23:24:23	0.2 s	16
9	load at NativeMethodAccessorImpl.java:0	+details	2019/04/26 23:24:23	0.2 s	15
8	toPandas at <command-2828119668611524>:1</command-2828119668611524>	+details	2019/04/26 23:14:11	0.2 s	14