Getting started with Databricks and Spark

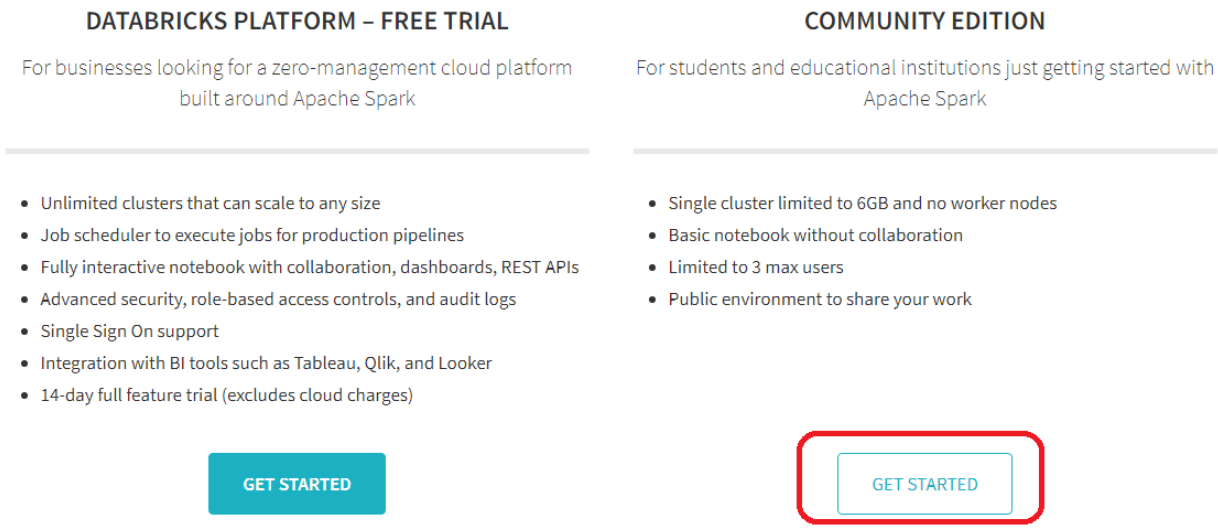
Ladle Patel

Step 1:

Go to the below URL and click on **GET STARTED** under Community Edition.

NOTE: Please don't create FREE TRIAL account

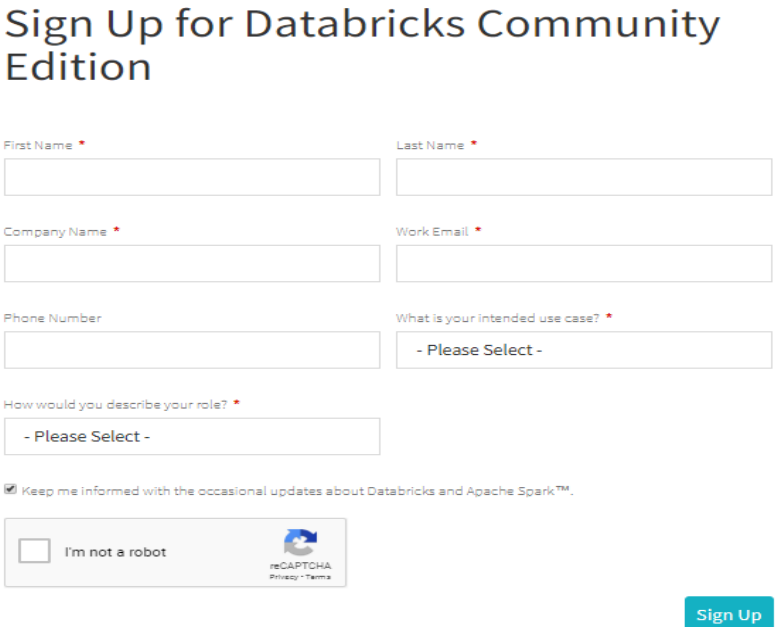
https://databricks.com/try-databricks



Step 2:

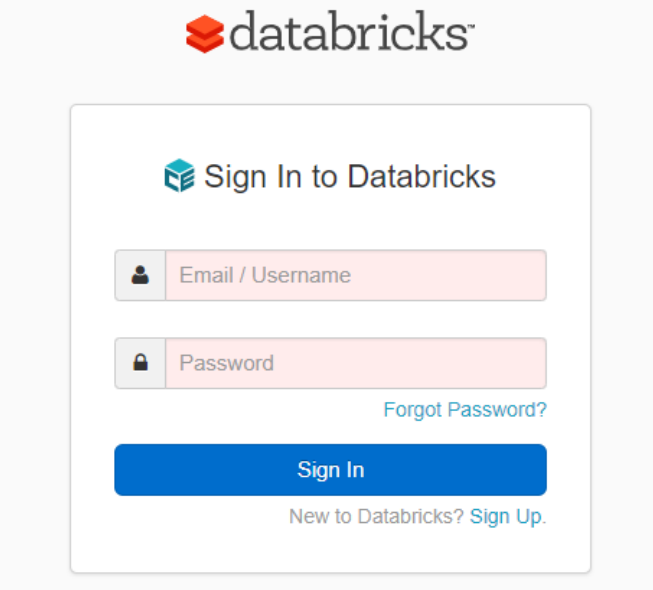
Fill up the details and click on the Sign Up button.

NOTE: If you don't have (or) work in a company, then type NA in the Company Name field.



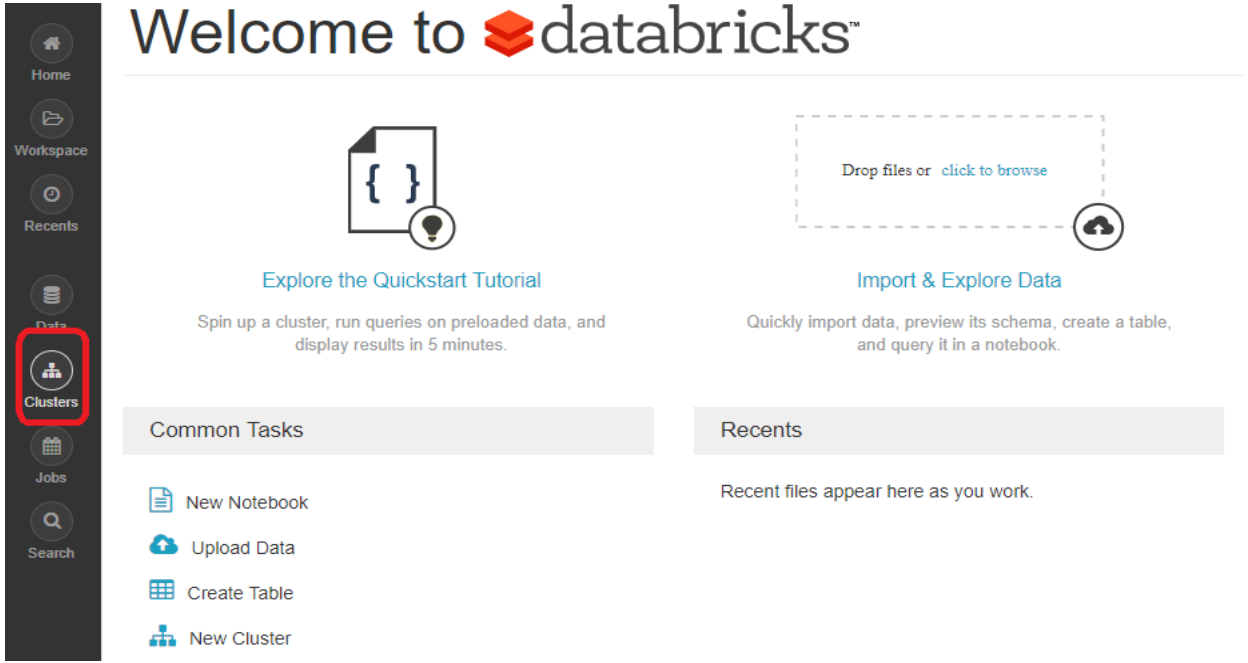
Step 3:

You will receive a link through an email to verify your account,click on the link to complete the account set up.Use below link to login to your account.
https://community.cloud.databricks.com/login.html

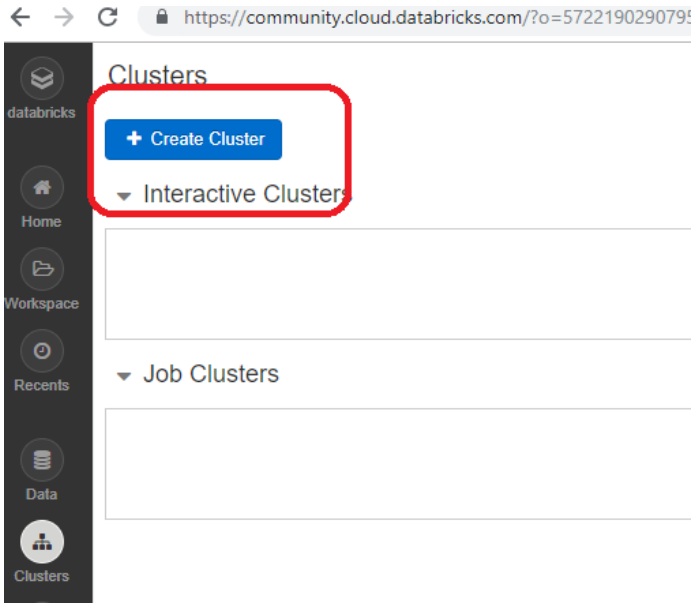


Step 4:

Creating New Cluster.

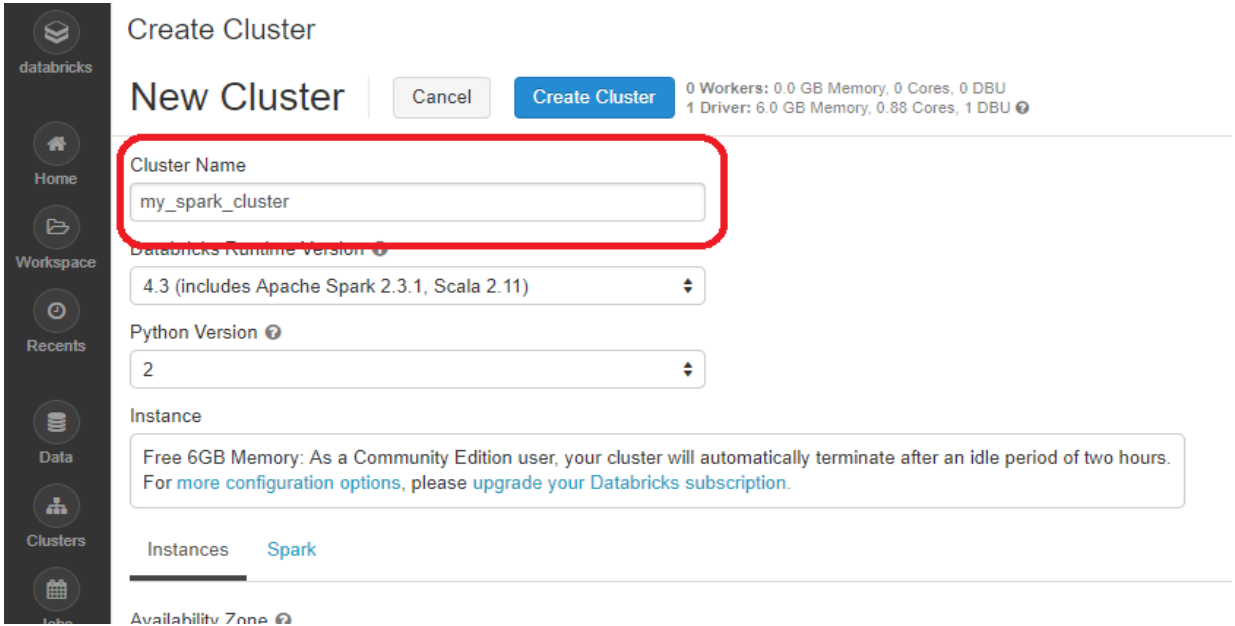


Step 4: Cont..


https://community.cloud.databricks.com/?o=572219029079
databricks
Home
Workspace
Recents
Data
Clusters
Clusters
Create Cluster
Interactive Clusters
Job Clusters

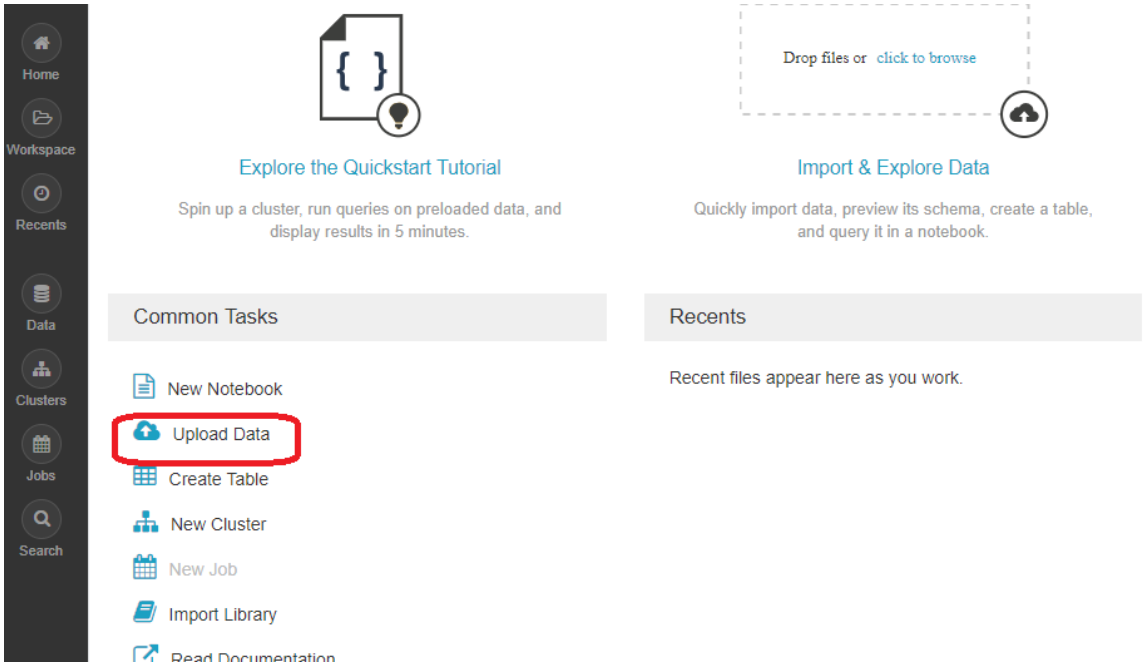
Step 5:

Enter cluster name



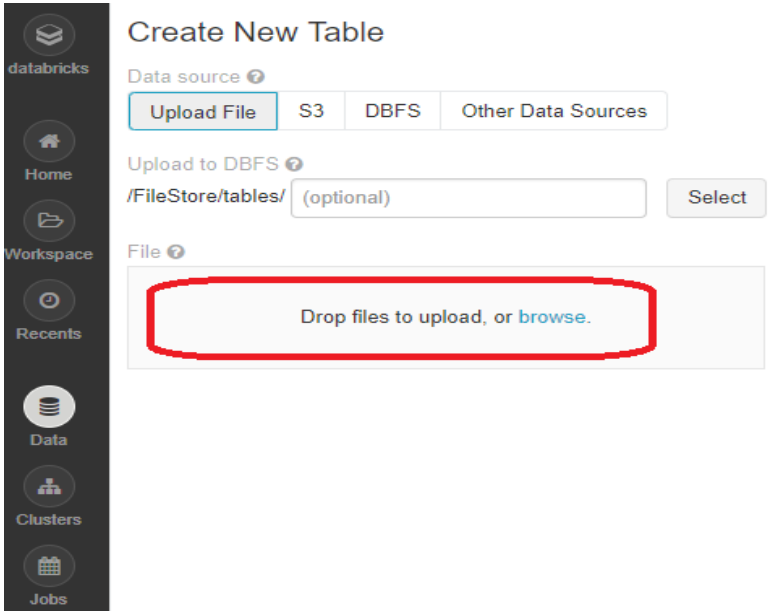
Step 6:

Upload data from your laptop to the cluster.



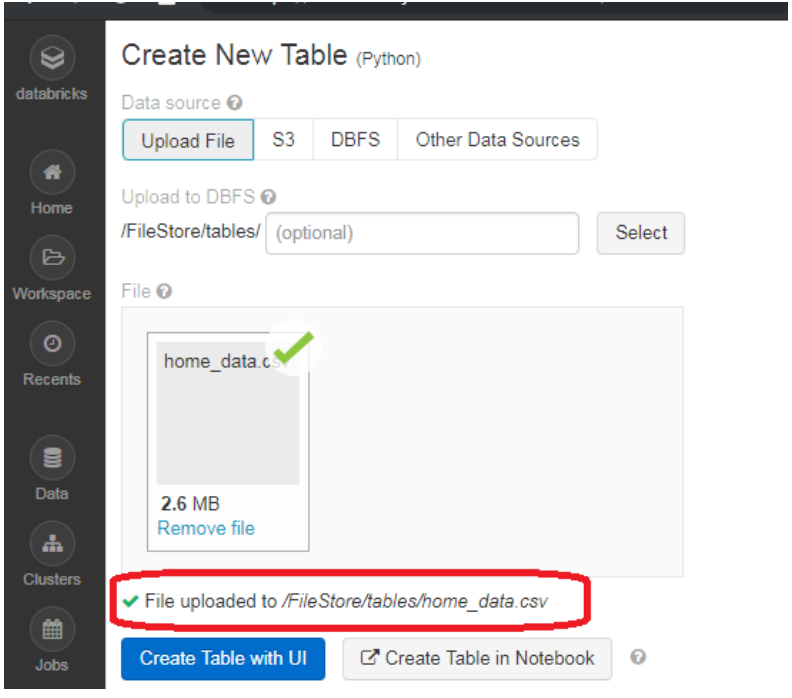
Step 6: Cont..

Upload data from your laptop to the cluster.



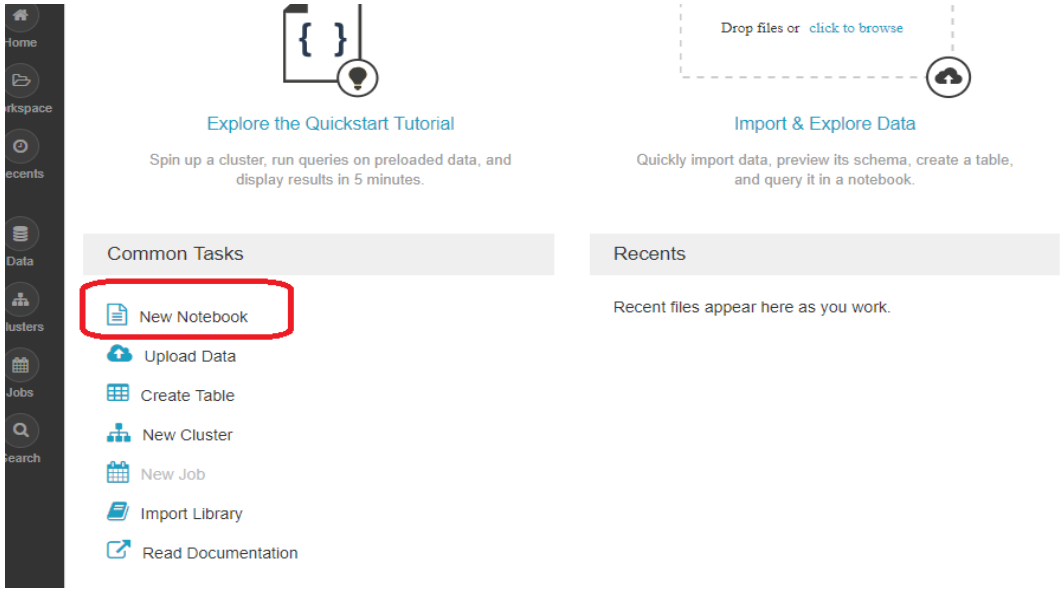
Step 7:

Copy the path.



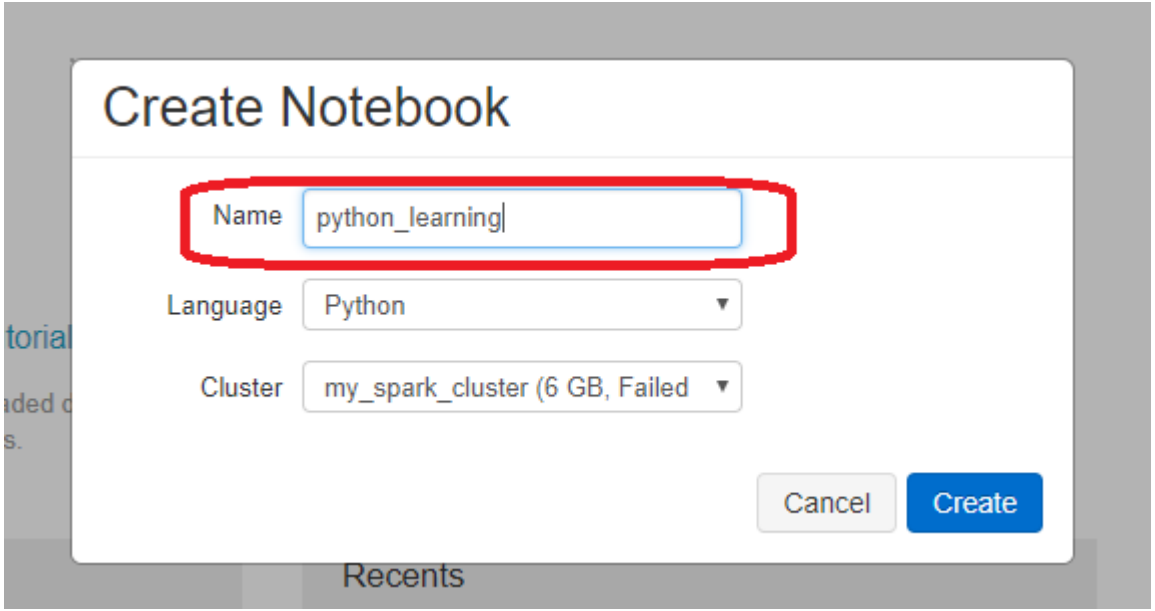
Step 8:

Create new notebook



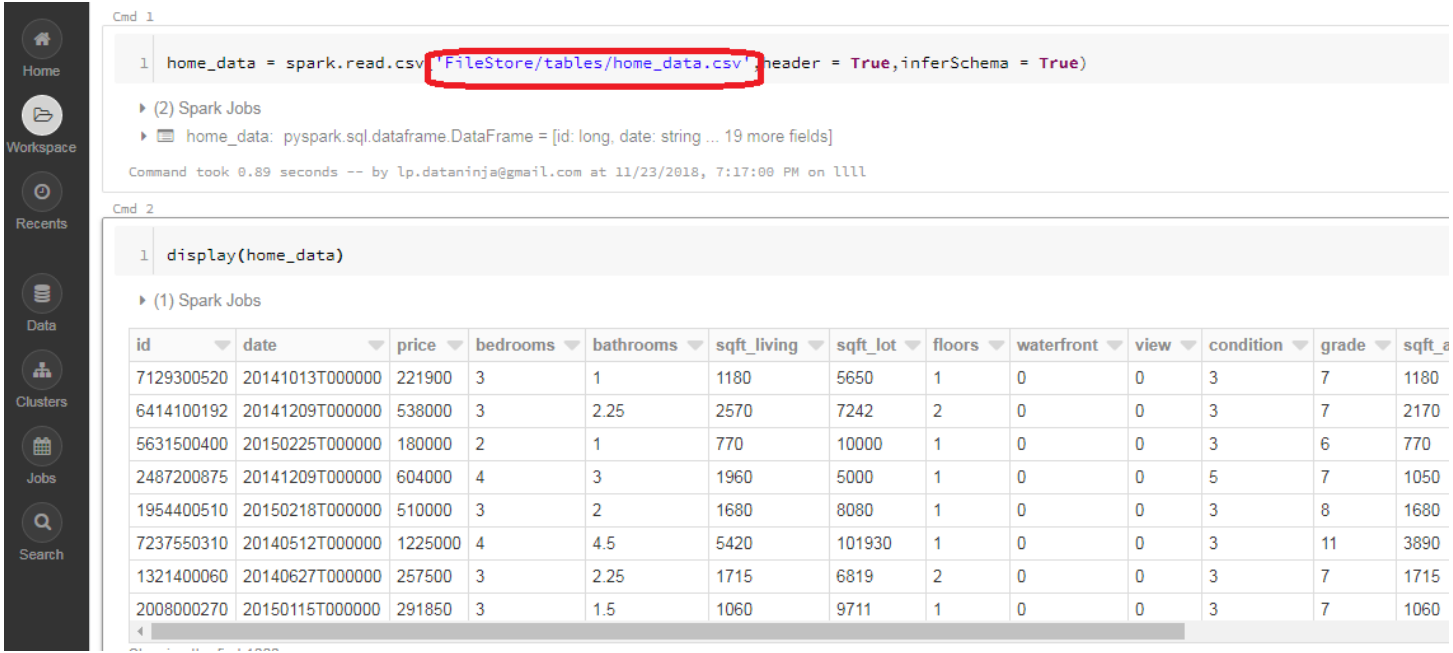
Step 9:

Provide the name of the notebook and chose the language.



Step 10:

Read the data in spark



id	date	price	bedrooms	bathrooms	sqft_living	sqft_lot	floors	waterfront	view	condition	grade	sqft_a
7129300520	20141013T000000	221900	3	1	1180	5650	1	0	0	3	7	1180
6414100192	20141209T000000	538000	3	2.25	2570	7242	2	0	0	3	7	2170
5631500400	20150225T000000	180000	2	1	770	10000	1	0	0	3	6	770
2487200875	20141209T000000	604000	4	3	1960	5000	1	0	0	5	7	1050
1954400510	20150218T000000	510000	3	2	1680	8080	1	0	0	3	8	1680
7237550310	20140512T000000	1225000	4	4.5	5420	101930	1	0	0	3	11	3890
1321400060	20140627T000000	257500	3	2.25	1715	6819	2	0	0	3	7	1715
2008000270	20150115T000000	291850	3	1.5	1060	9711	1	0	0	3	7	1060

Further Reading

https://docs.databricks.com/spark/latest/training/index.html
https://spark.apache.org/
https://github.com/databricks/Spark-The-Definitive-Guide
https://databricks.com/sparkaisummit/north-america/sessions?eventName=Summit%202018
https://databricks.com/sparkaisummit/north-america/sessions
https://www.youtube.com/user/TheApacheSpark/playlists