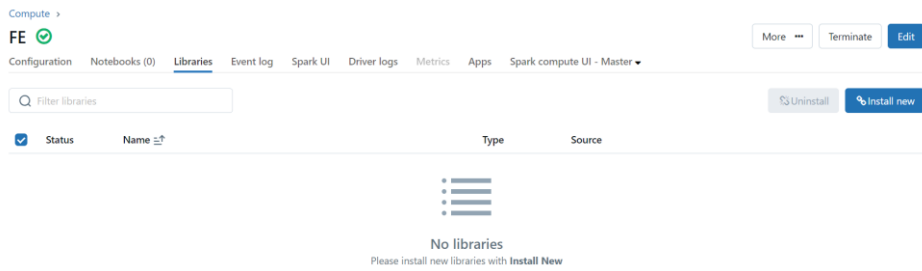


1) In databricks after creating a cluster go to the libraries tab and click on install new



Install library

Library Source ⓘ

☒ Workspace ☐ File Path/S3 ☐ PyPI ☐ Maven ☐ CRAN ☐ DBFS

Workspace File Path

Choose from workspace to install as a library

/Workspace/Users/nveerepa@gmu.edu/

← nveerepa@gmu.edu

- 2024-03-19 - DBFS Example (1)
- AIT-Sec#001_Lab5_NagaSaiDhanyaVeerepalli
- AIT614_Sec001_Lab6.1_NagaSaiDhanyaVeerepalli
- AIT614Sec001_Lab2_NagaSaiDhanyaVeerepalli
- AIT614-Sec001_Lab6.2_NagaSaiDhanyaVeerepalli.ipynb

After selecting Maven

Click on search packages

At the left corner select maven central and in the search bar type mongo-spark and select the highlighted package and install it.

Search packages

Group Id	Artifact Id	Releases	Options
com.axiom	metalus-mongo_2.12-spark_3.0	1.9.7	Select
com.axiom	metalus-mongo_2.12-spark_3.2	1.9.7	Select
com.axiom	metalus-mongo_2.12-spark_3.3	1.9.7	Select
com.axiom	metalus-mongo_2.12-spark_3.1	1.9.7	Select
com.axiom	metalus-mongo_2.11-spark_2.4	1.9.5	Select
org.mongodb.spark	mongo-spark-connector_2.13	10.2.2	Select
org.mongodb.spark	mongo-spark-connector_2.12	10.2.2	Select
itagilelab	wasp-plugin-mongo-spark_2.11	2.32.1-cdp...	Select
itagilelab	wasp-plugin-mongo-spark_2.12	2.32.1-emr...	Select

- 2) Now goto mongodb atlas and in the left menu, under security you can find the network access tab.
- 3) Inside that tab click on add IP address and click on **allow access from anywhere** and hit confirm. This means you can connect your atlas with any thid party.

- 4) Now go to databricks and just import the notebook I have sent or you can your own code as

```

carcrash = spark.read.format("com.mongodb.spark.sql.connector.MongoTableProvider")\
    .option("database", "AIT_614_PROJECT")\
    .option("collection", "Car_Crash")\
    .option("spark.mongodb.read.connection.uri", "mongodb+srv://dhanyaveerapalli:Vnsdnt0522%40mongo@cluster1.w3lvudo.mongodb.net/")\
    .option("spark.mongodb.write.connection.uri", "mongodb+srv://dhanyaveerapalli:Vnsdnt0522%40mongo@cluster1.w3lvudo.mongodb.net/")\
    .load()\
    carcrash.display()
  
```

This is the code yo connect to your particular database and collection in mongodb.

In the second and third lies of the code **replace with your database and collection** names and in the third and fourth lines **replace your connection string**.

- 5) Alternatively, You can also get you connection string from compass.

