

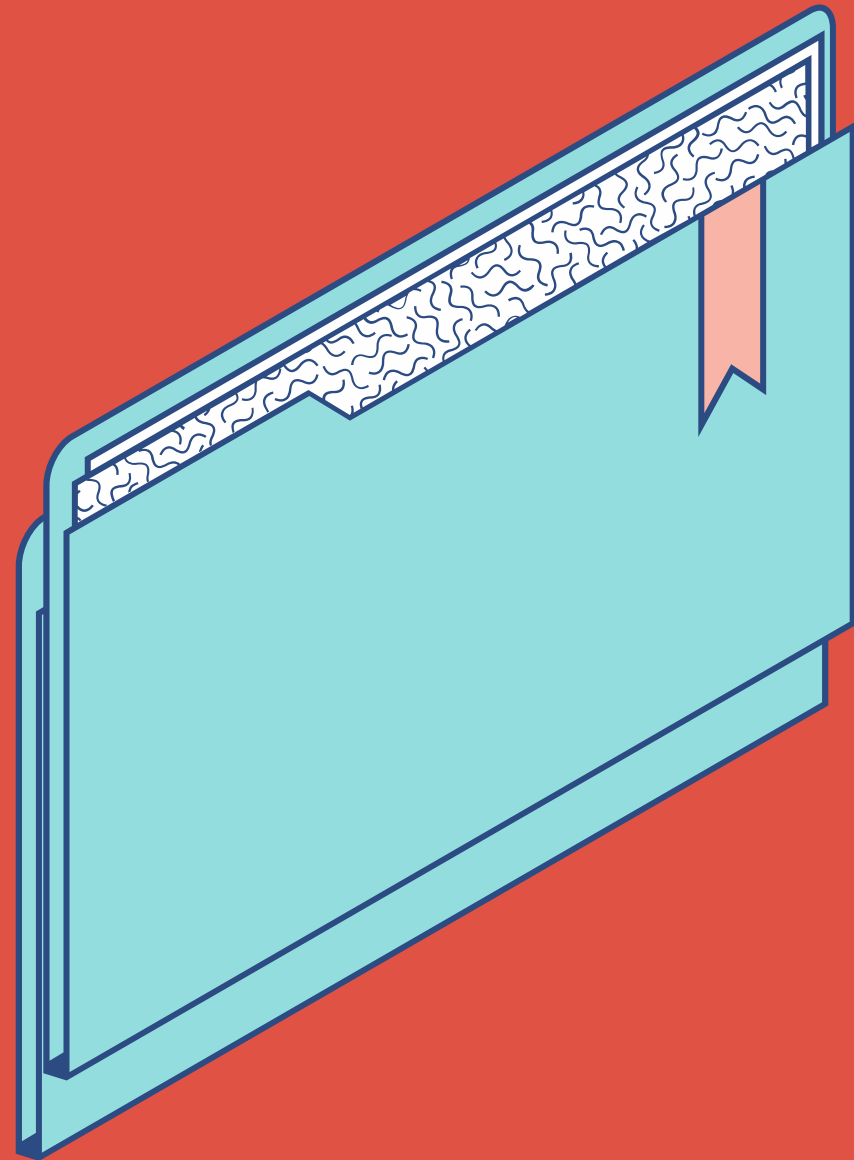


Supercharge Athena - With AWS Wrangler

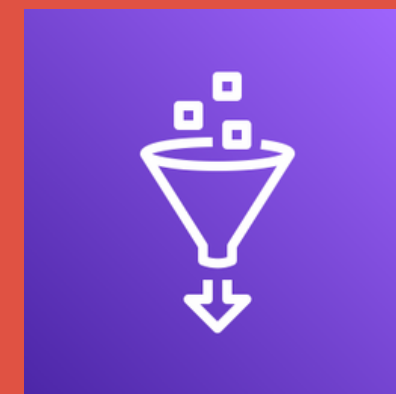
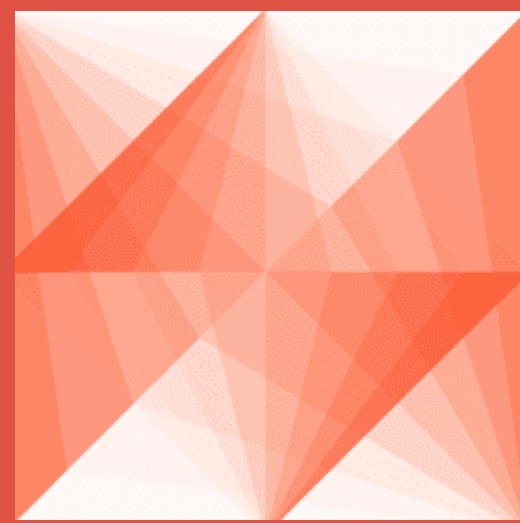
Querying Athena from AWS Wrangler

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Pre-Requisites



- Tables created in the Glue Tutorial along with the data in S3 bucket.
- Good understanding of the SQL join



Athena - Beacon of Control

PSEUDOCODE



Connecting and Querying Athena

1. What is Athena?
2. Querying with Athena using AWS Wrangler
3. Describing the Table create queries
4. Deleting Tables from Athena
5. Executing table joins from AWS Wrangler
6. Unloading the query results to the S3 bucket



Athena Methods of Interest

0 - Creating and connecting to AWS Session

```
wr.athena.describe_table(boto3_session=your_session)
```

```
wr.athena.list_query_executions(boto3_session=your_session)
```

```
wr.athena.read_sql_query(sql='str',table='tbl_name',database  
='database name, boto3_session=your_session)
```

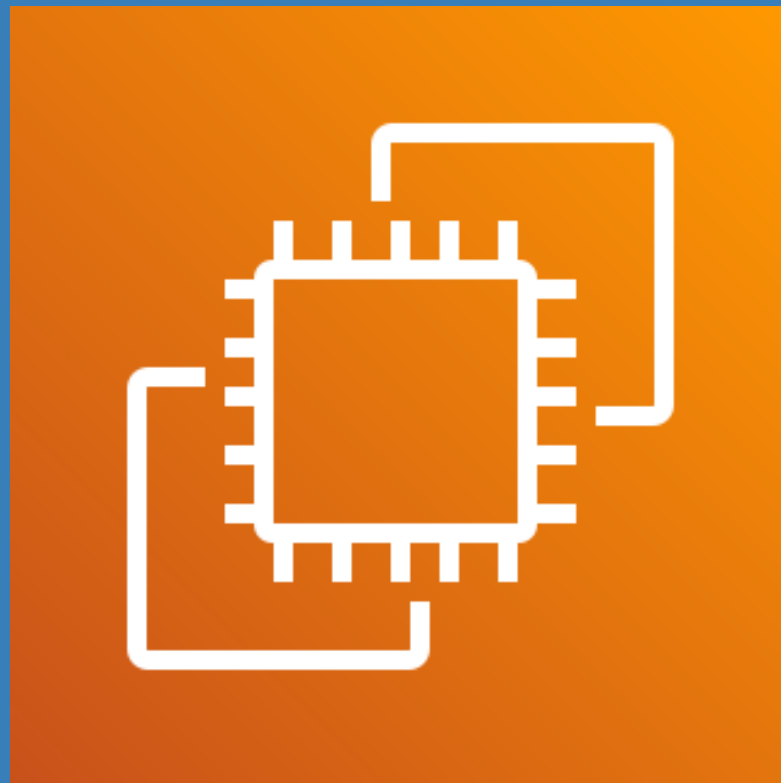
```
wr.athena.show_create_table(table='name',boto3_session=  
your_session)
```

```
wr.athena.describe_table(table='name',boto3_session=your_s  
ession)
```



Whats Next

SUPER CHARGING EC2



Working with EC2

1. EC2 is the Workhorse of AWS.
Understanding it from the inside will provide greate experience
2. Initiating, Starting, Stopping, and Terminating EC2 in less than 3 mins.
3. Reading and Editing the Security Groups safeguarding EC2
4. Using User_data to Automate your work environment