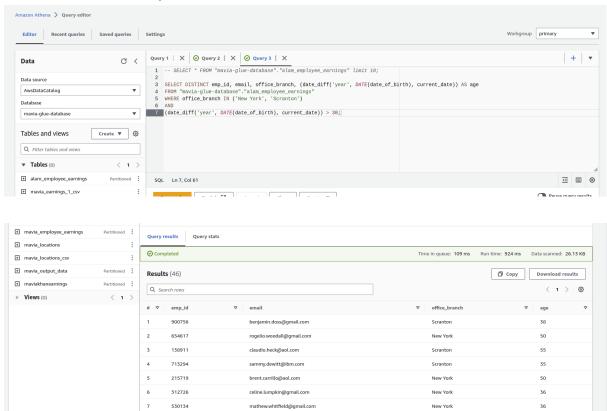
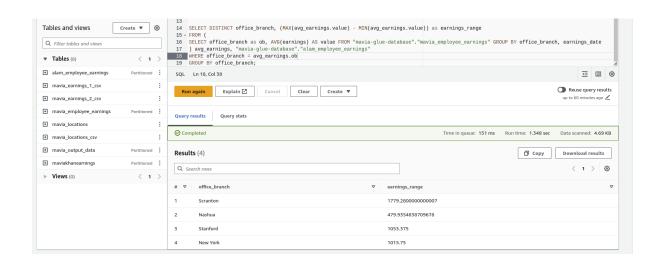
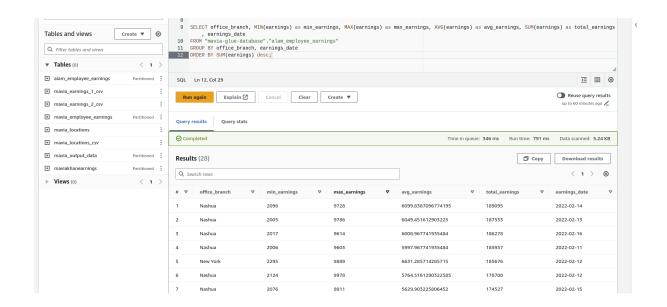
# NAME: MAVIA ALAM KHAN (2303.KHI.DEG.017) PAIRING WITH: Mohammad Hussam (2303.KHI.DEG.020) ASSIGNMENT NO: 5.4

#### Here we run the task 3 queries

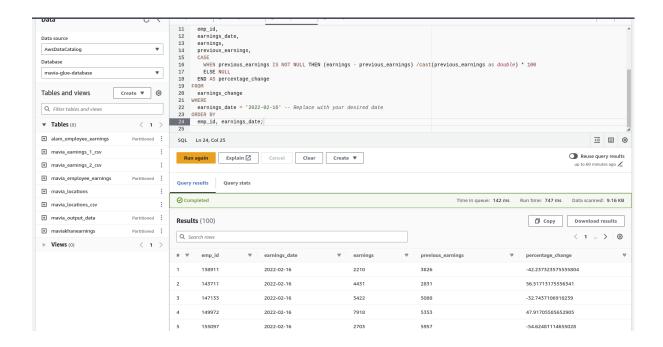




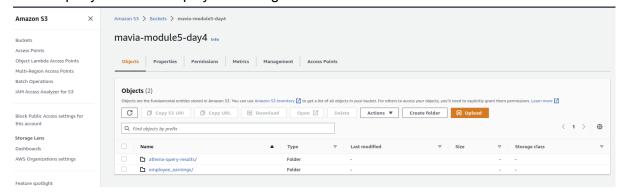


We calculates the % change in earnings for every employee from a given day compared to the previous day.

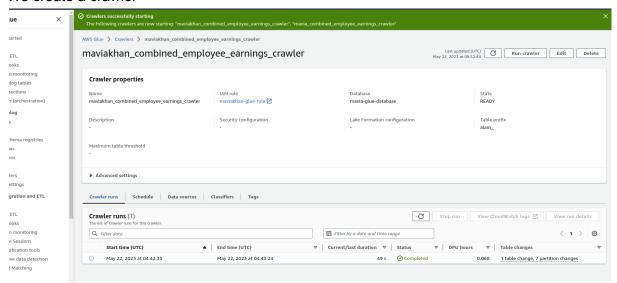




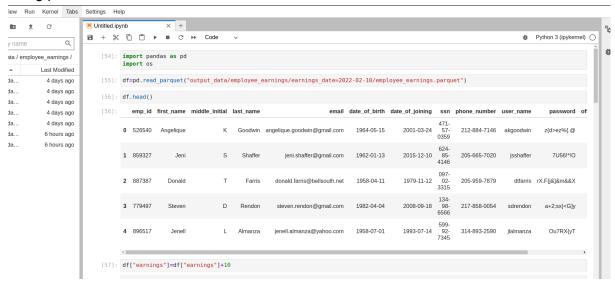
Here we create s3 bucket and create 2 folder one is employee earning and second is athena-query-result. In employee earning we stored a stored a dataset



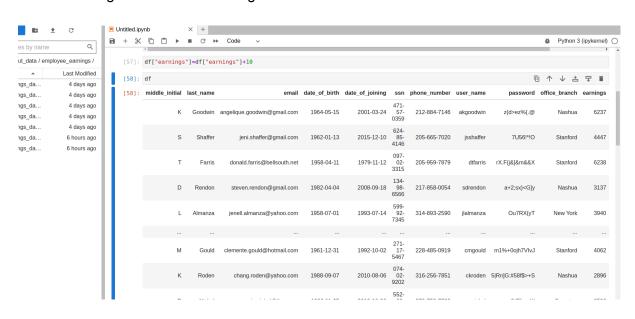
#### We create a crawler



### Using pandas we read a dataset

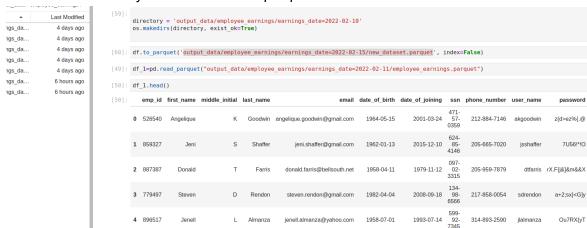


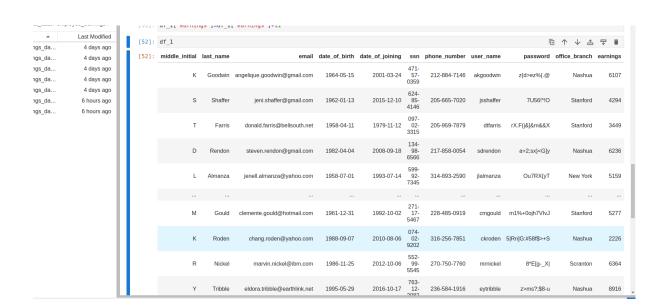
### Here we change the value of earning column



## We create a directory and stored a new parquet file

[51]: df 1["earnings"]=df 1["earnings"]+11





[53]: df\_l.to\_parquet('output\_data/employee\_earnings/earnings\_date=2022-02-16/newl\_dataset.parquet', index=False)

[]:
[]:

We run the task 4 queries but all the queries are failed May be appropriate filters, reducing the data volume, or using partitioning techniques, depending on the query engine .

