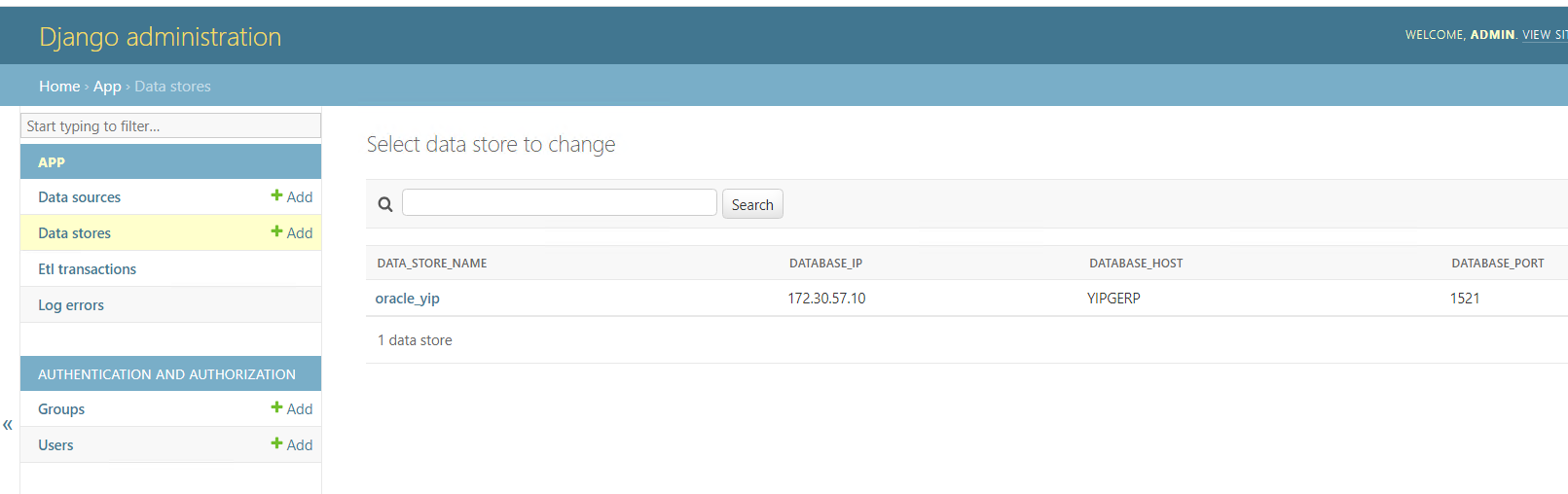
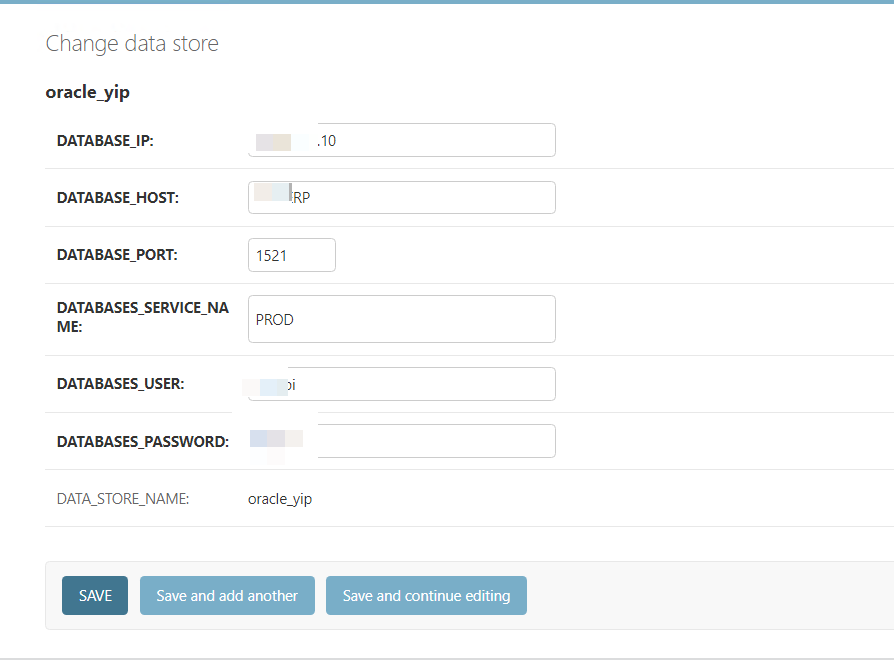
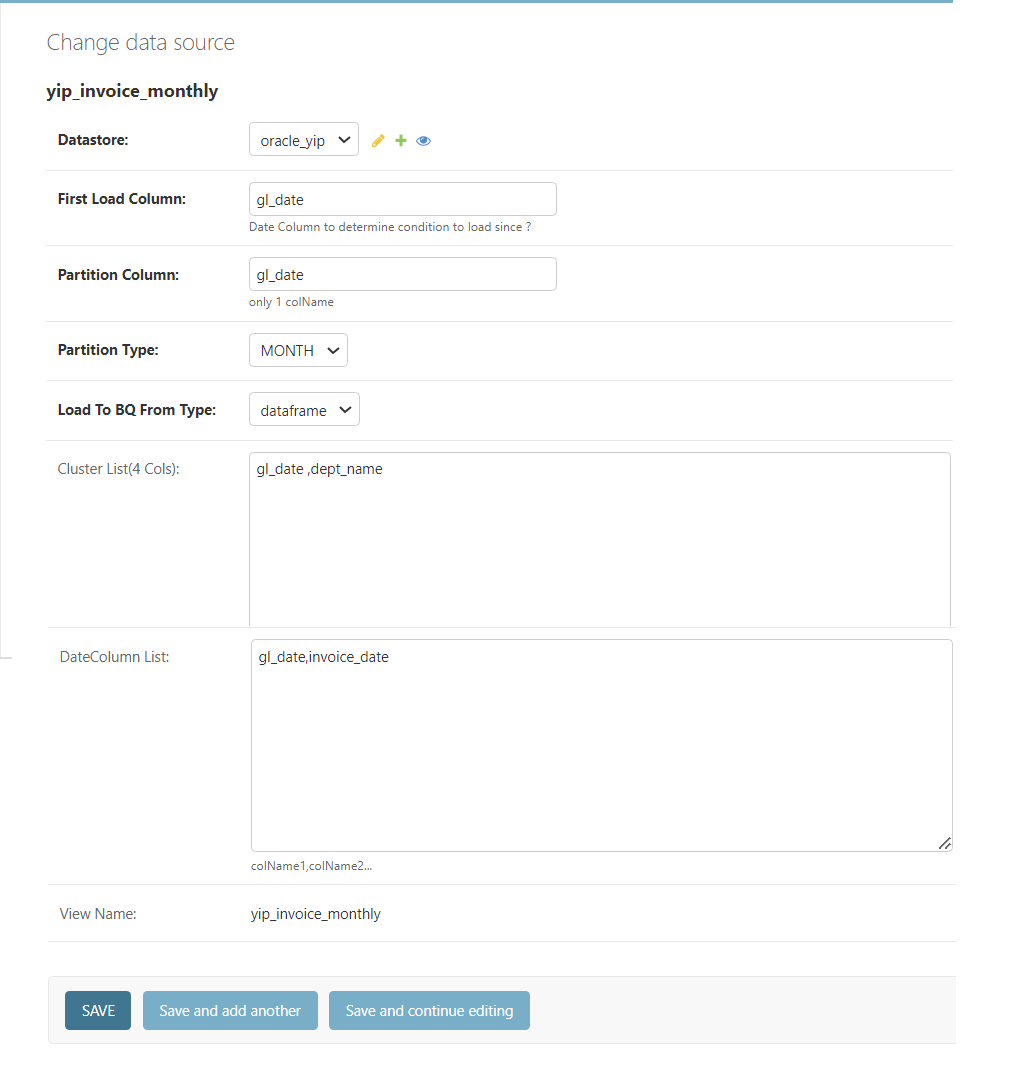
# Web Admin

## Data store

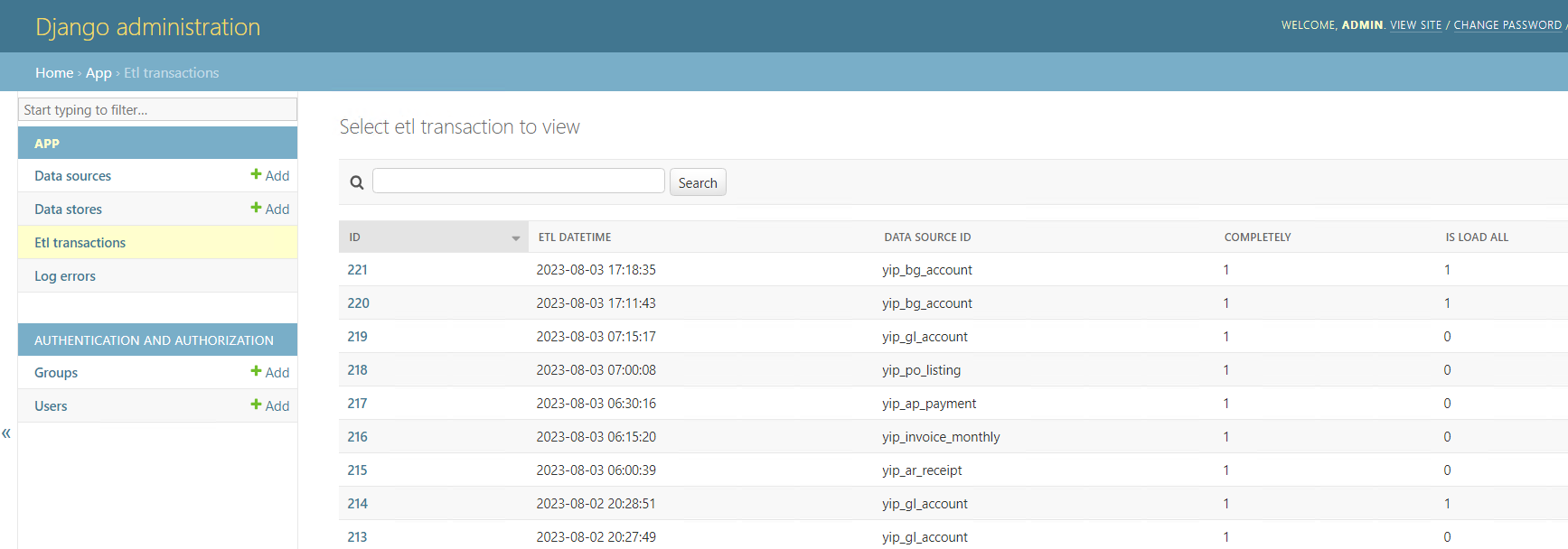


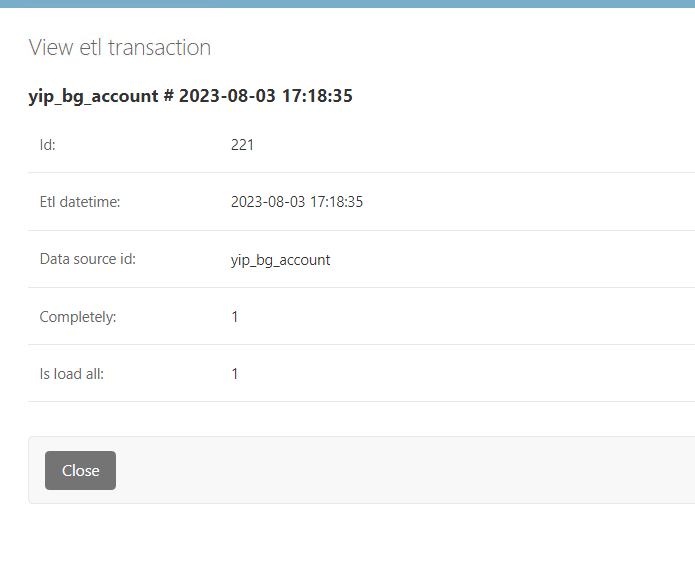


## Data source

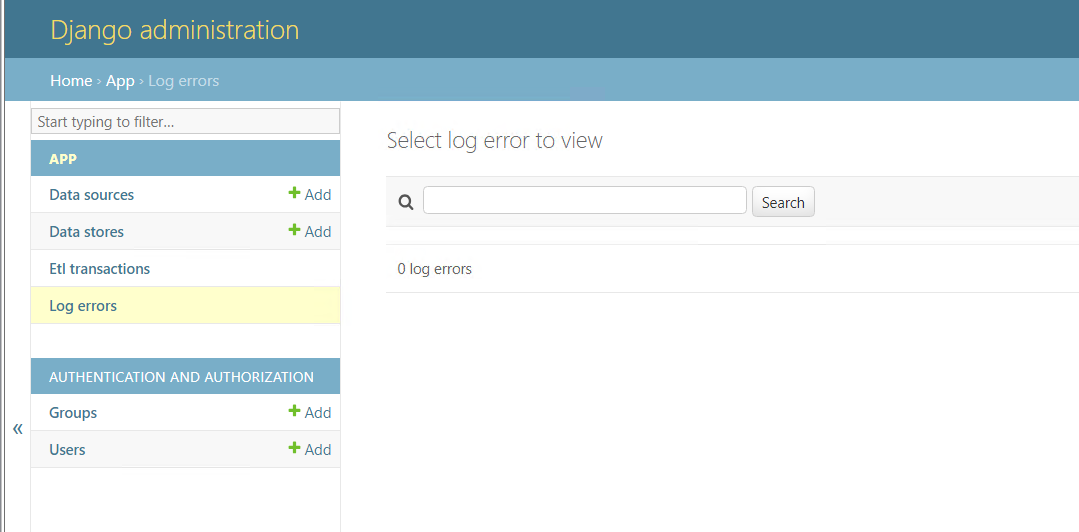


## ETL Transaction





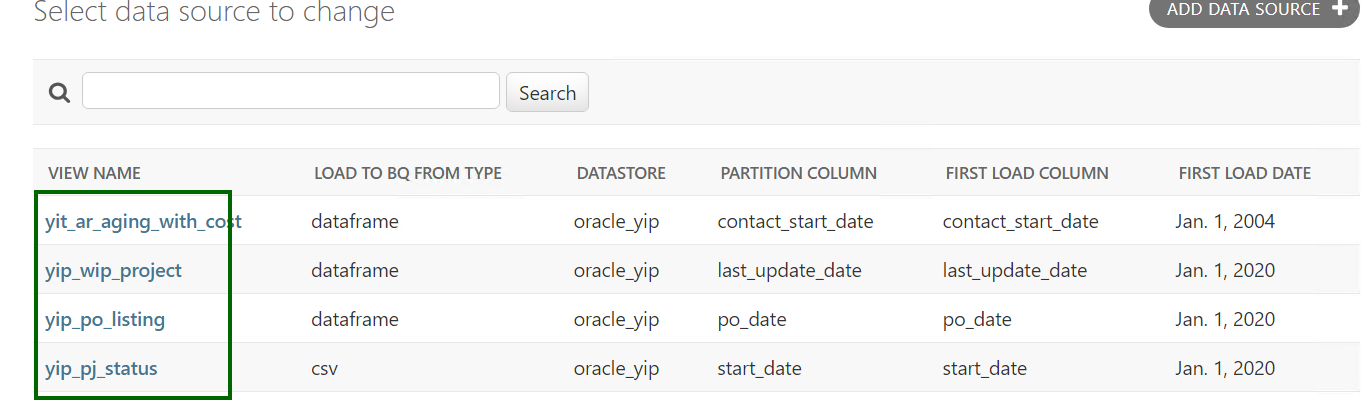
## Log Error



# Run Batch Job

## How to get view name

To get View name , you navigate to <http://127.0.0.1:8000/admin/app/datasource/>



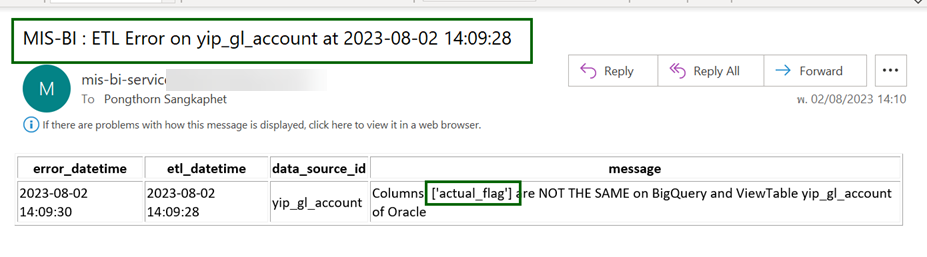
## Run Batch with ManualBatch\_LoadDataFromOracleToBQ.bat (Full Load if data schema change)

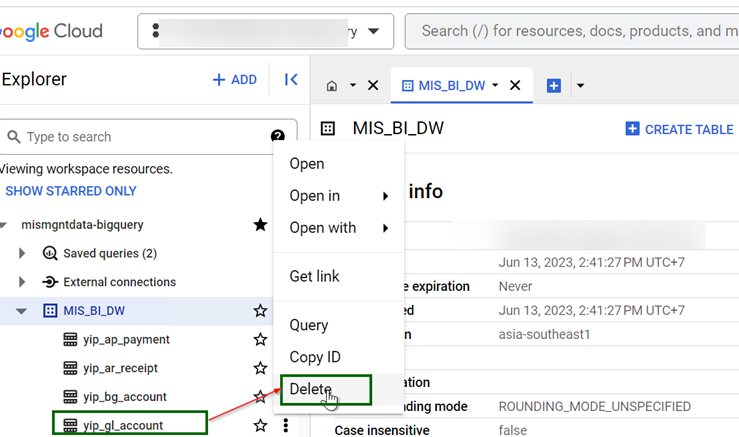
View name=”Name”

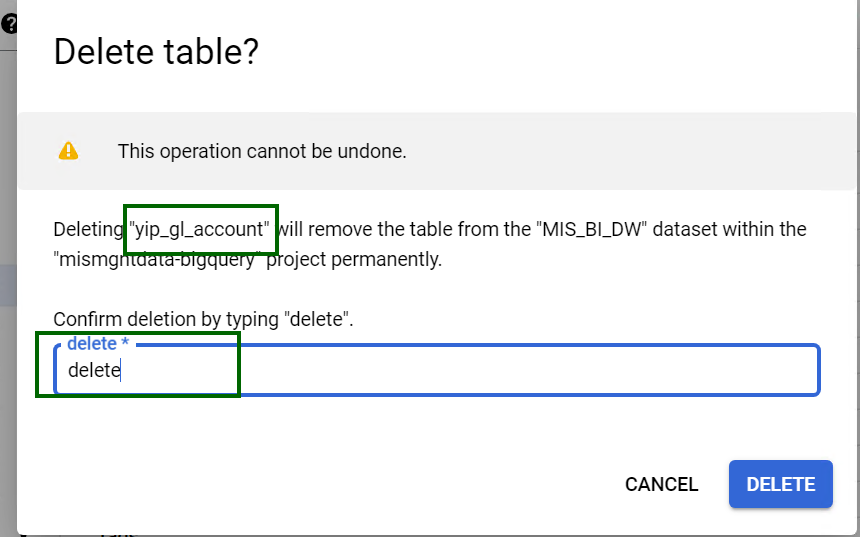
Load option=1

Write to BQ=2

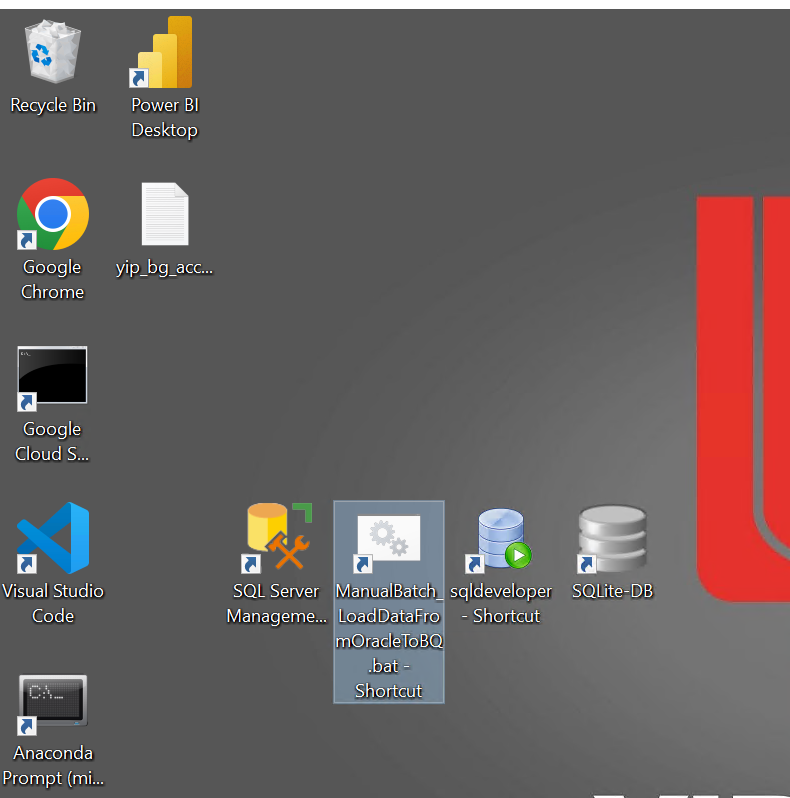
Admin will get some errors via email notification because there are some inconsistent columns on table schema between data source (view on Orable /SQL Server) and Bigquery

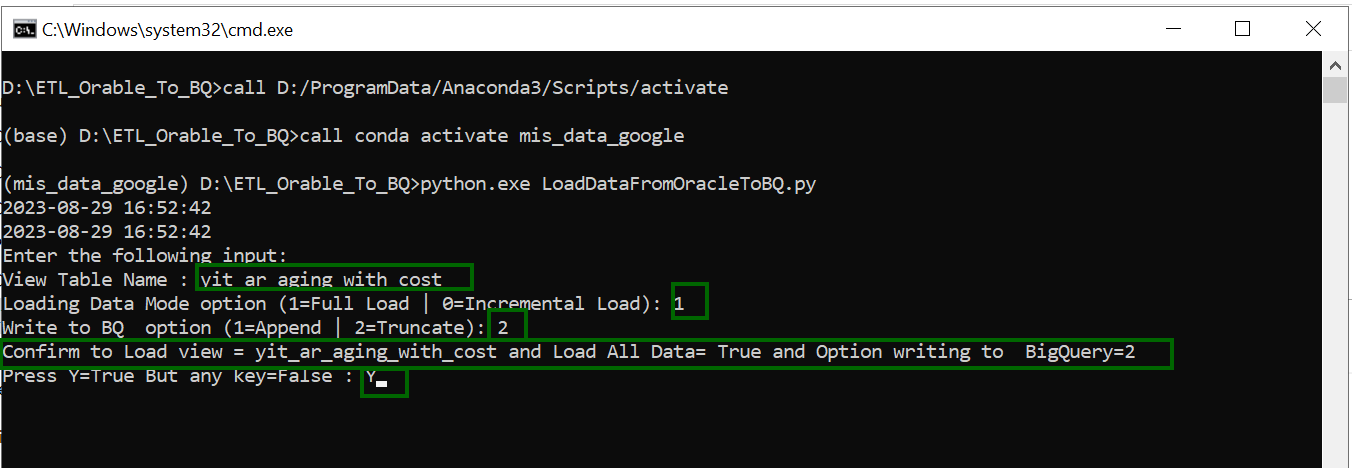
First of all , you want to do full load , you must delete table manually on Bigquery Console, otherwise program batch will raise error 





Run Batch to run full load



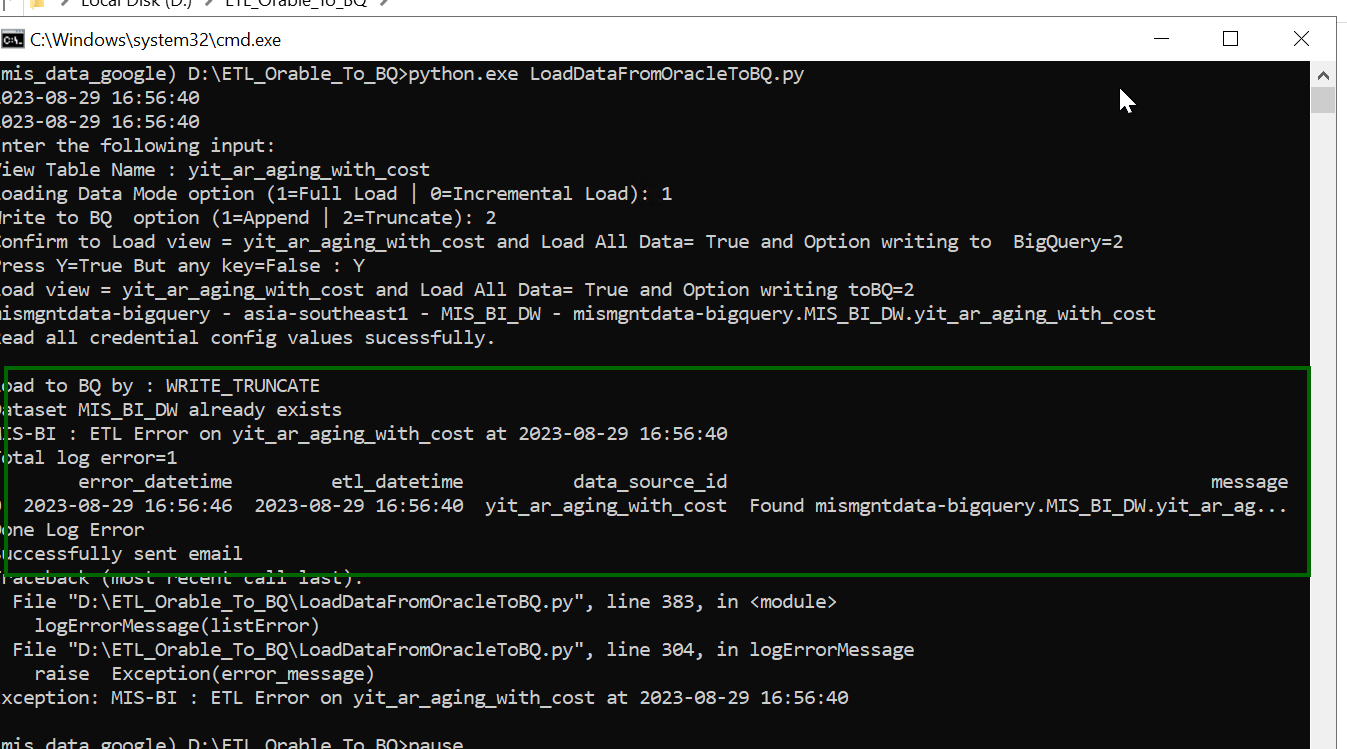


Read message before Pressing Y carfully

Confirm to Load view = yit\_ar\_aging\_with\_cost and Load All Data= True and Option writing to BigQuery=2

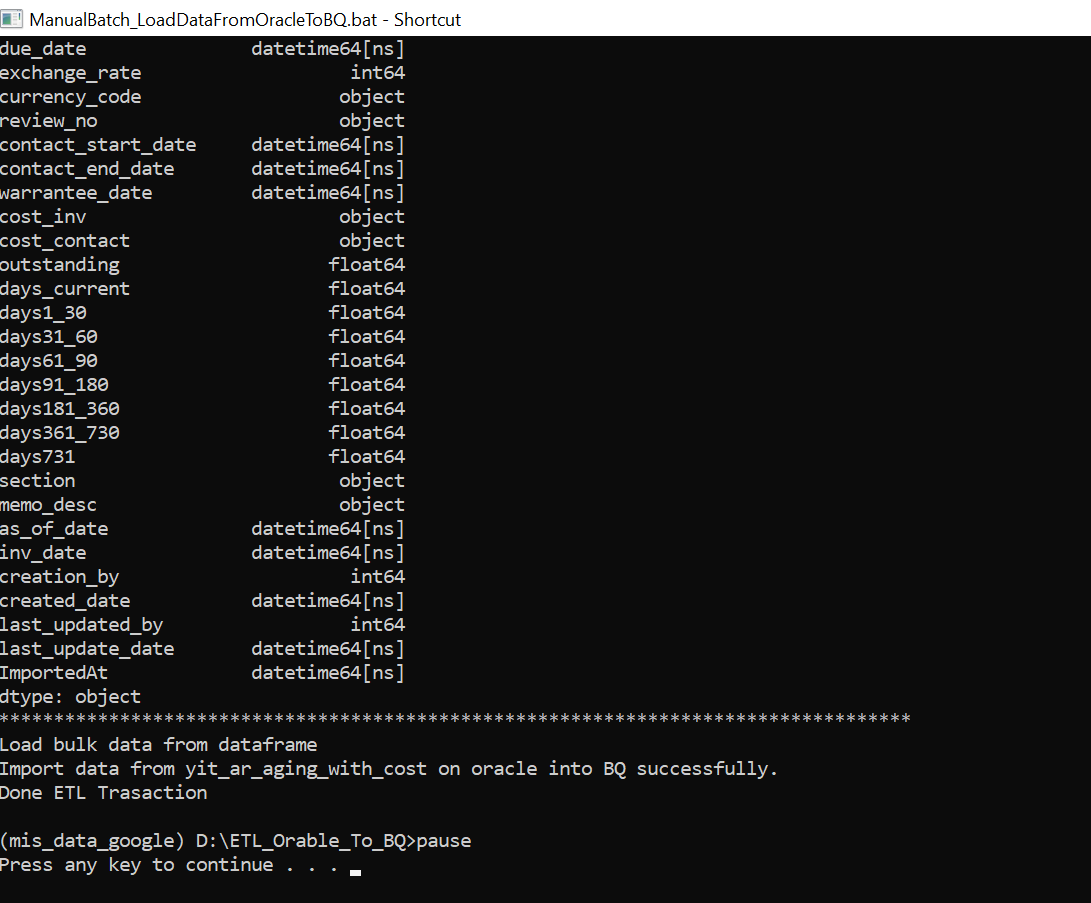
### Error Load data

If existing table, you will encounter error like below



### Success

If there is no table , you can do full load data successfully



## Run Batch as Periodic Job to load items on daily basis

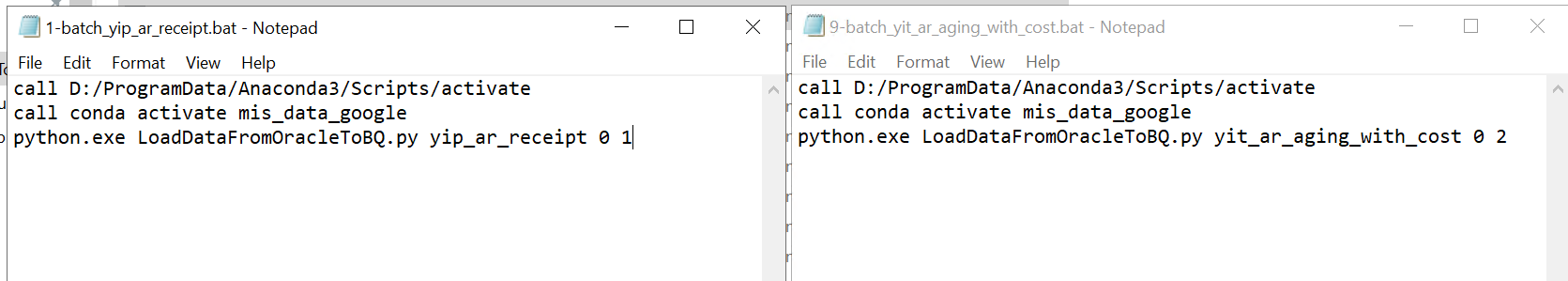
How to set parameter in batch file

Primarily , There are 3 parameter such as view name,load option,write to bigquery option

View name=”Name”

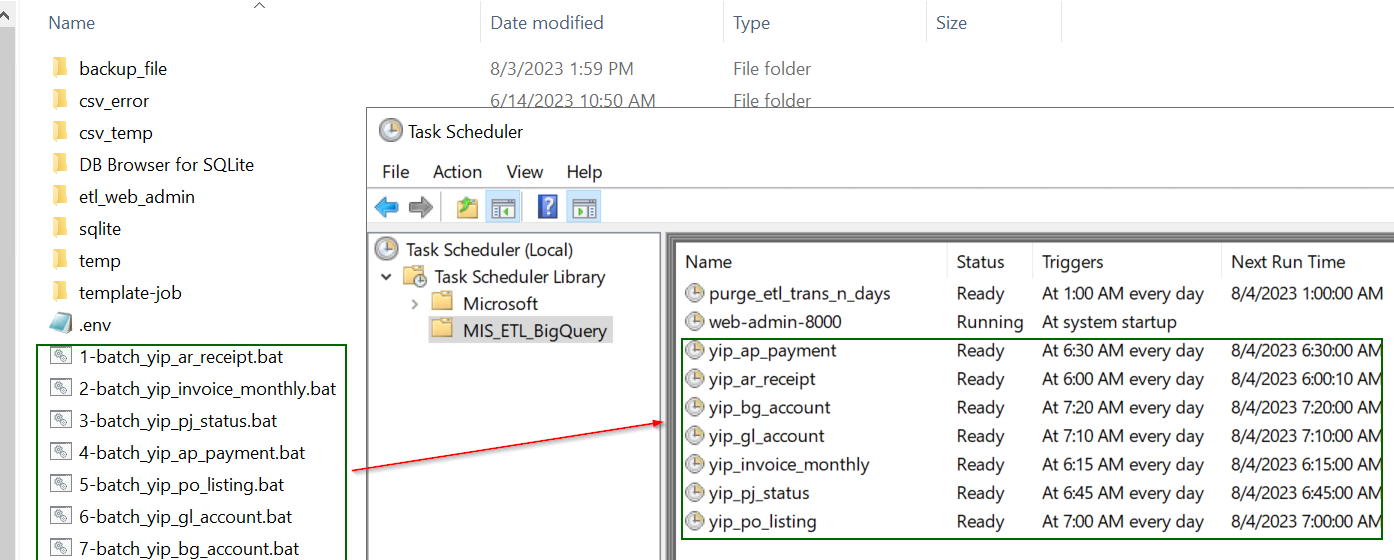
Load option=0

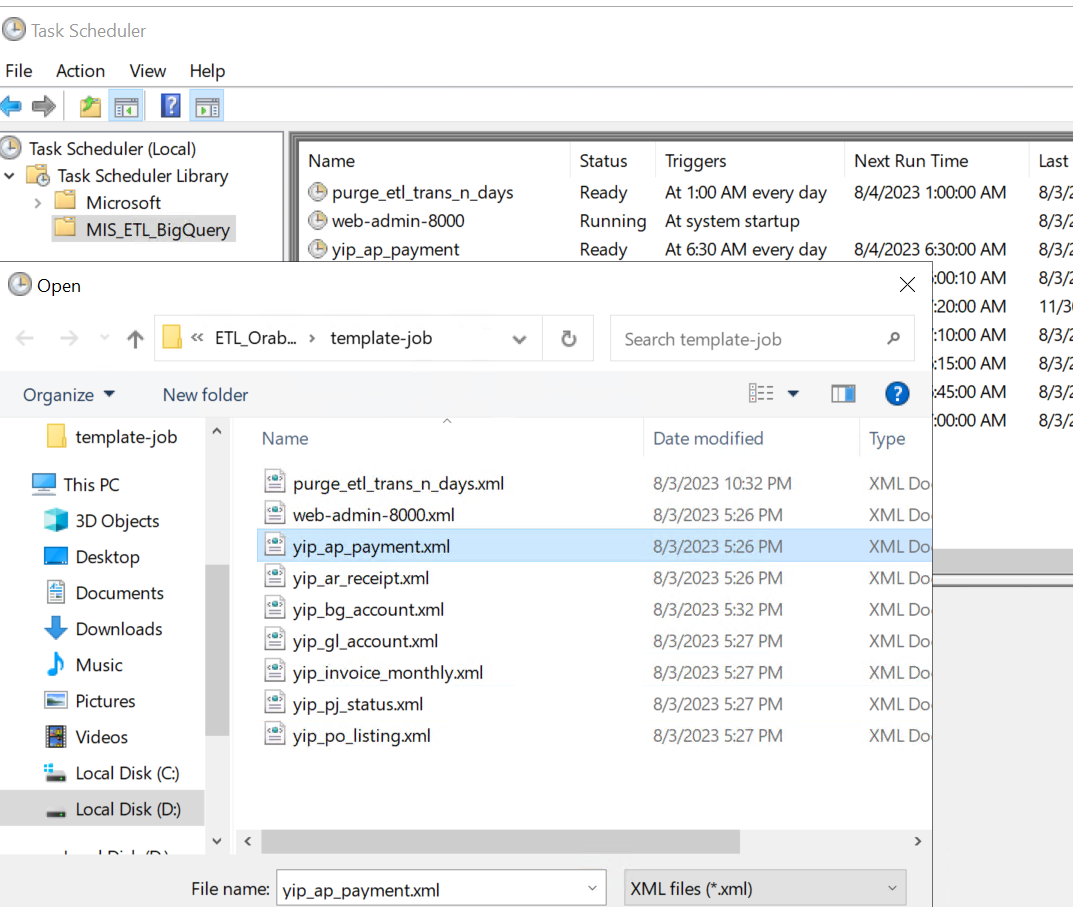
Write to BQ=1 (except Ar Aging=2)



python.exe LoadDataFromOracleToBQ.py [view name] [load option 1=Full Load or 0=Incremental Load"] [write to bq option 1=Append or 2=Truncate]

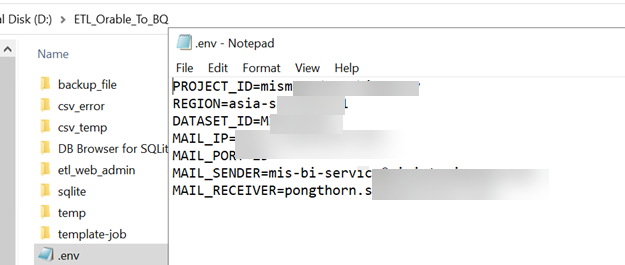
All view except yit\_ar\_aging\_with\_cost



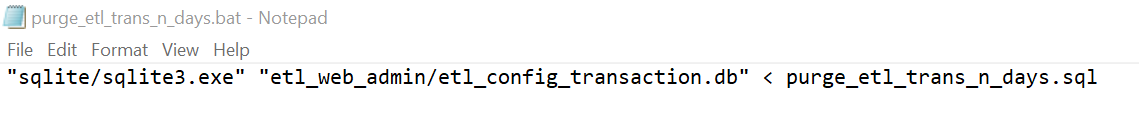


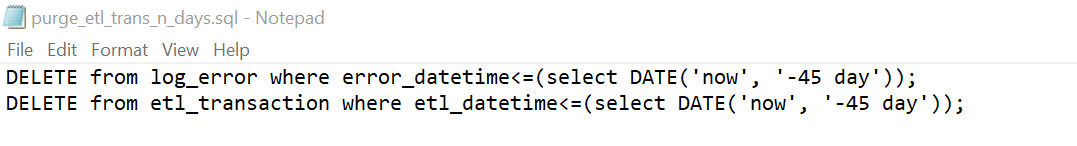
# Error Management (Full Load if data schema change)

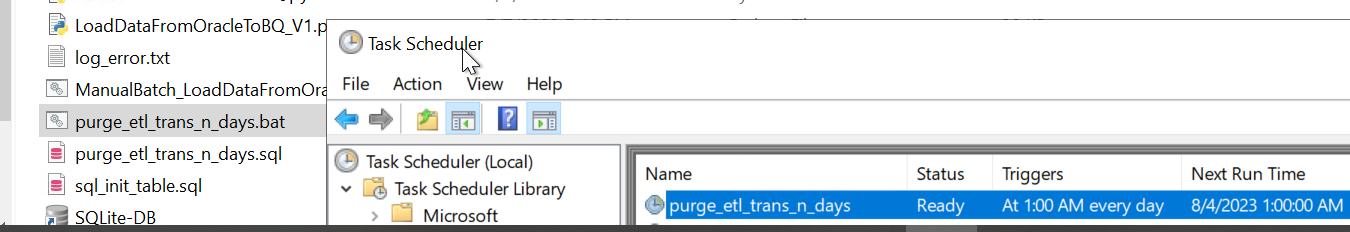
# Google BigQuery and Email Config



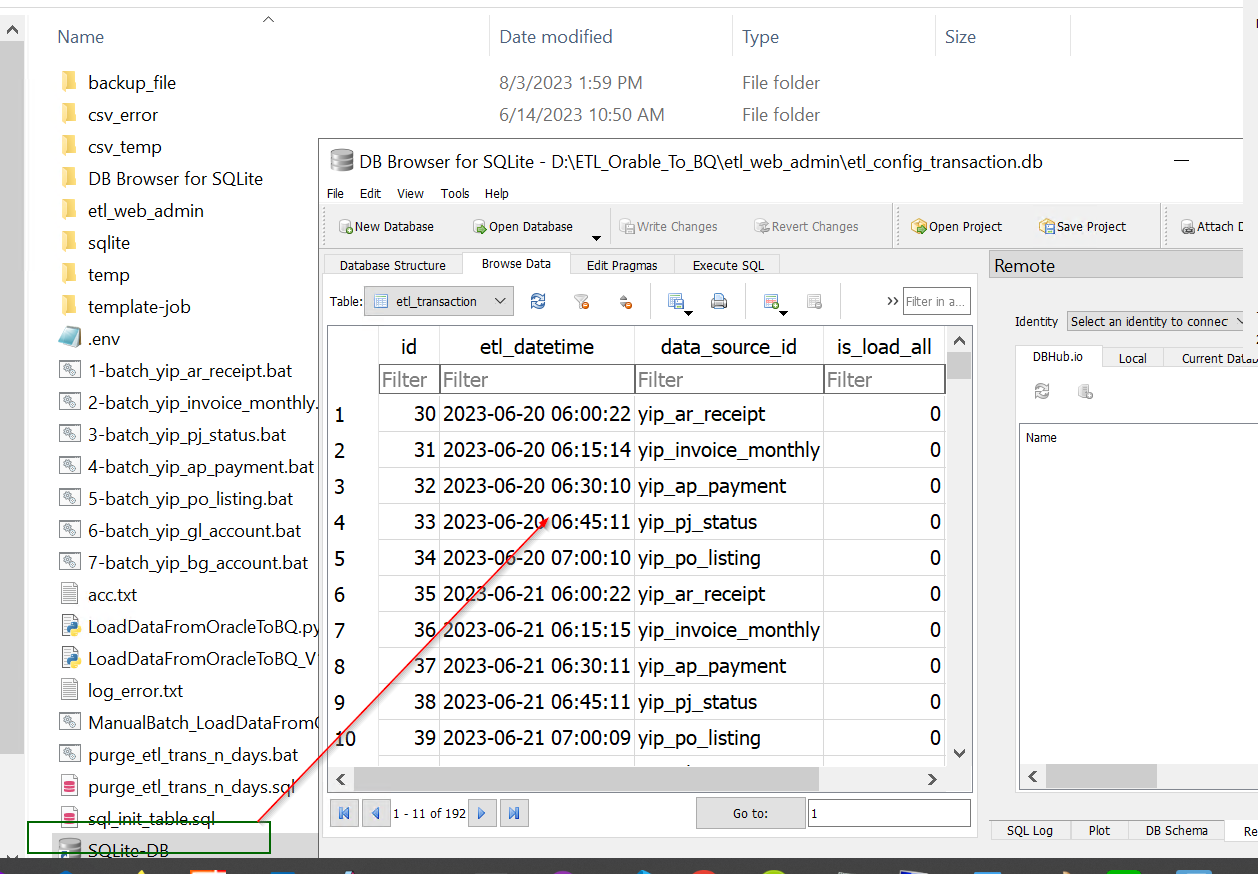
# Purge old data



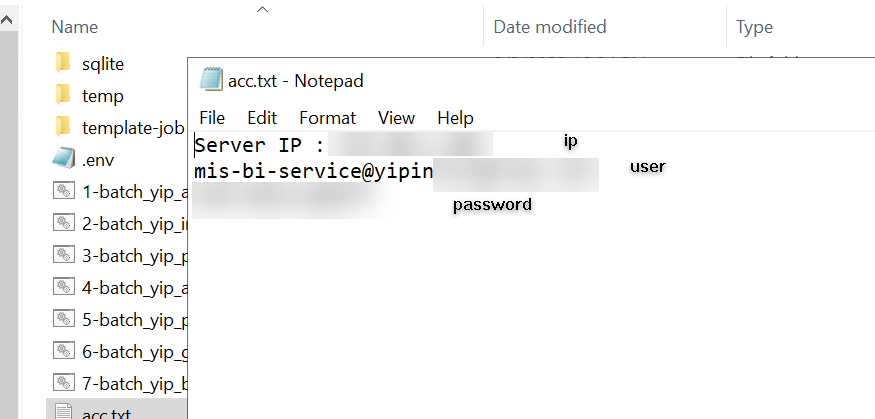




# Use SQLite-DB Datebase UI



# Credential data Username/Password/IP Server



# Setup Anaconda Environment

