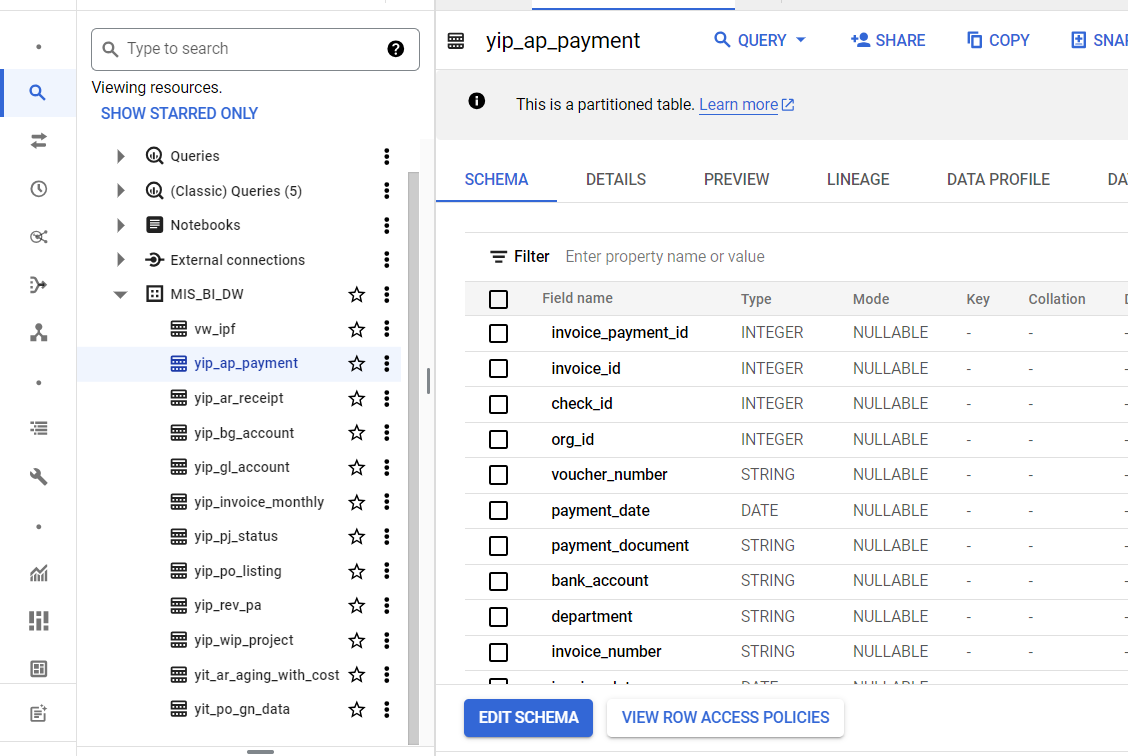
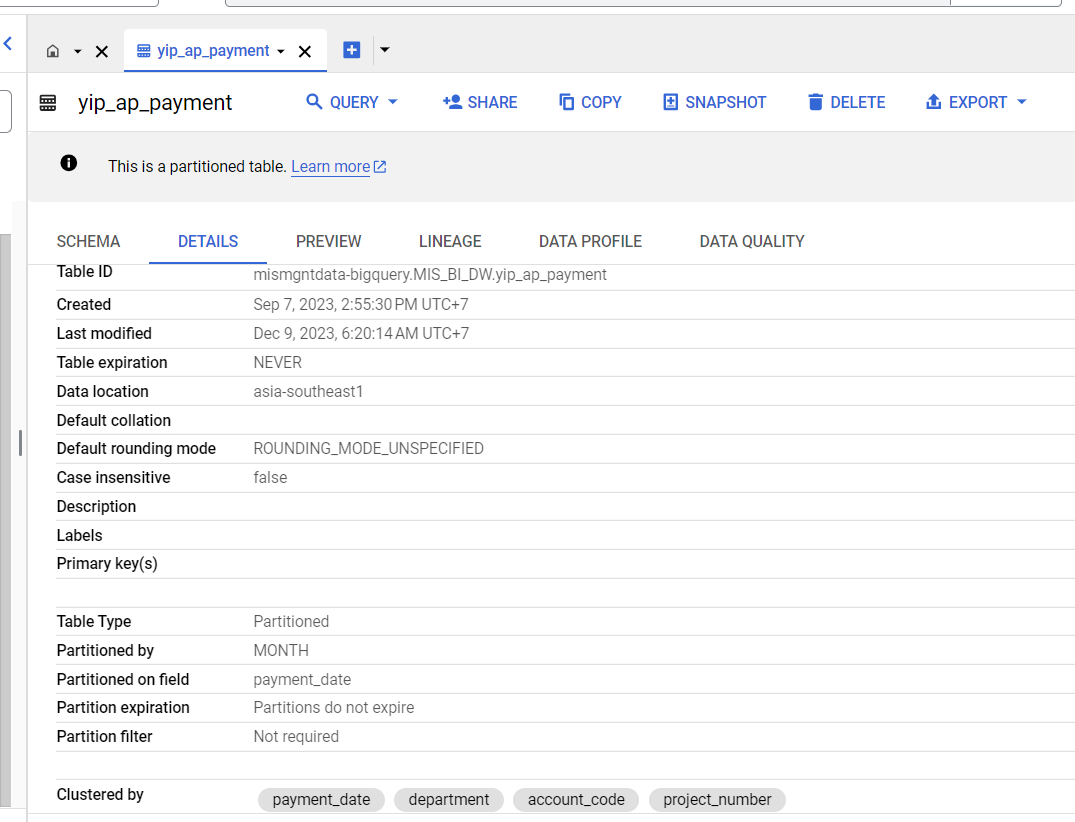
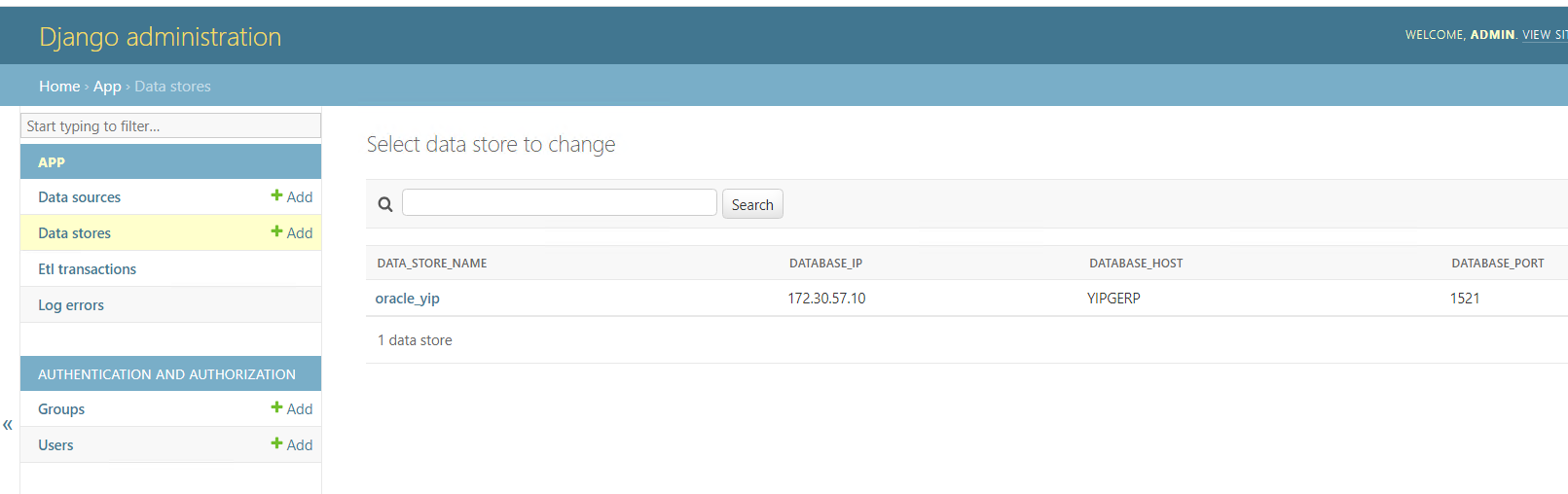
# BigQuery Overview

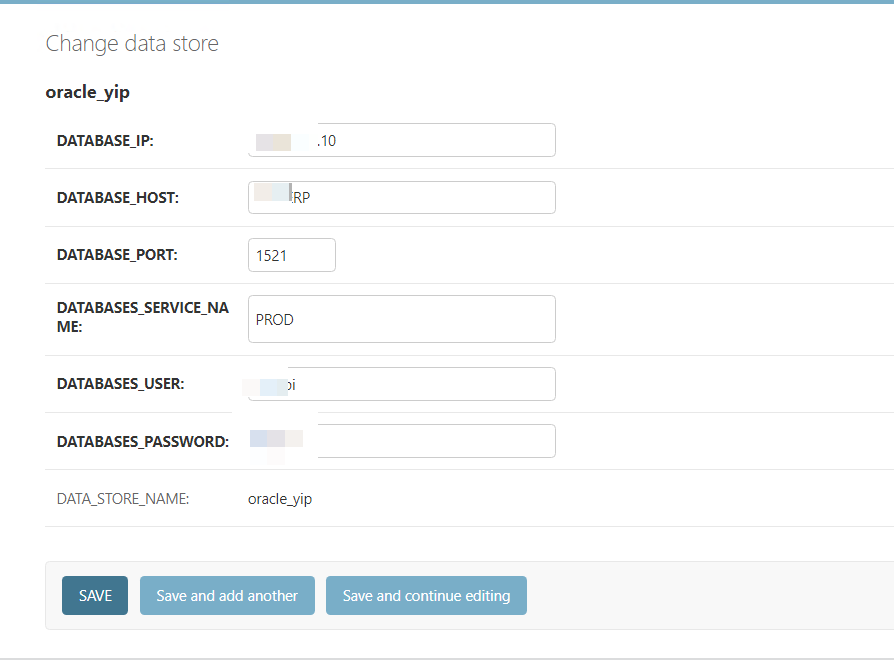




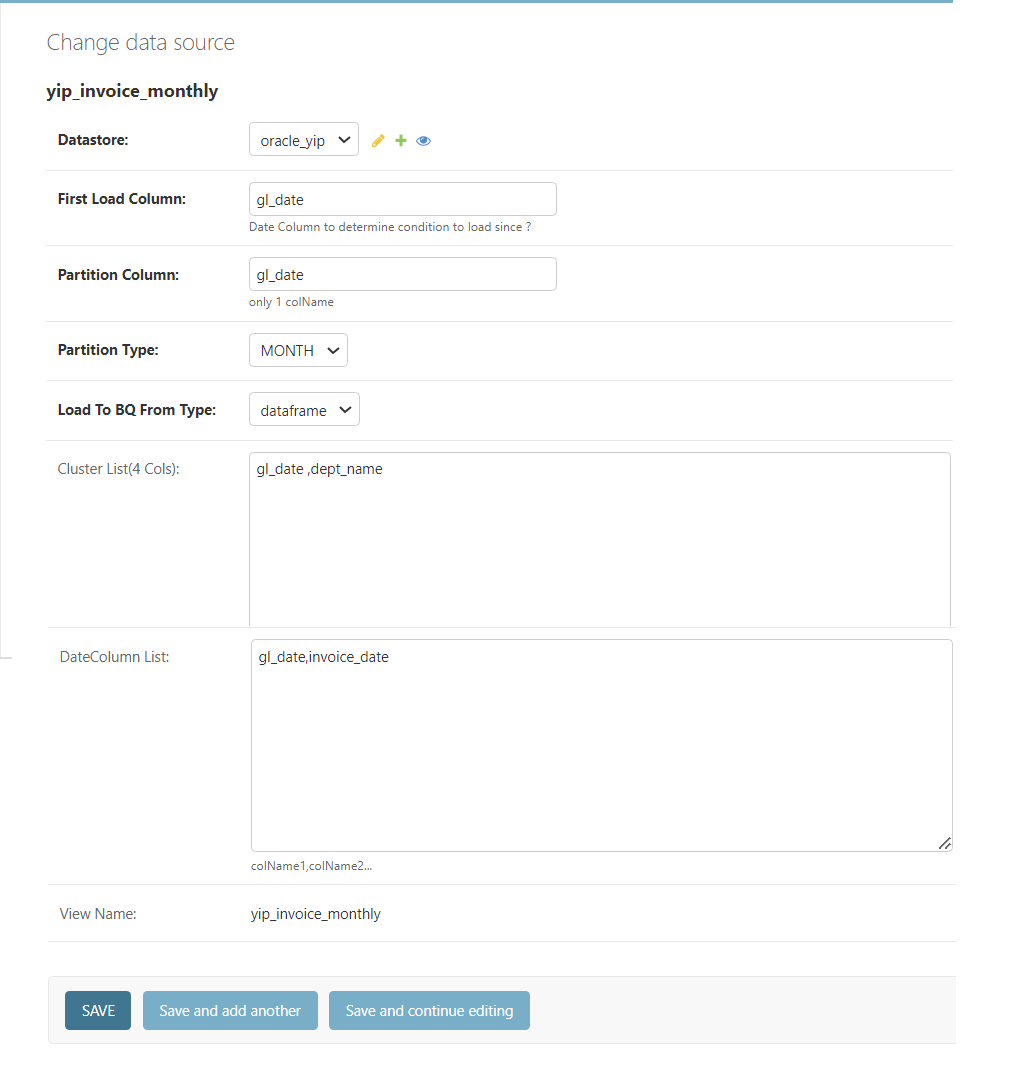
# Web Admin

## Data store

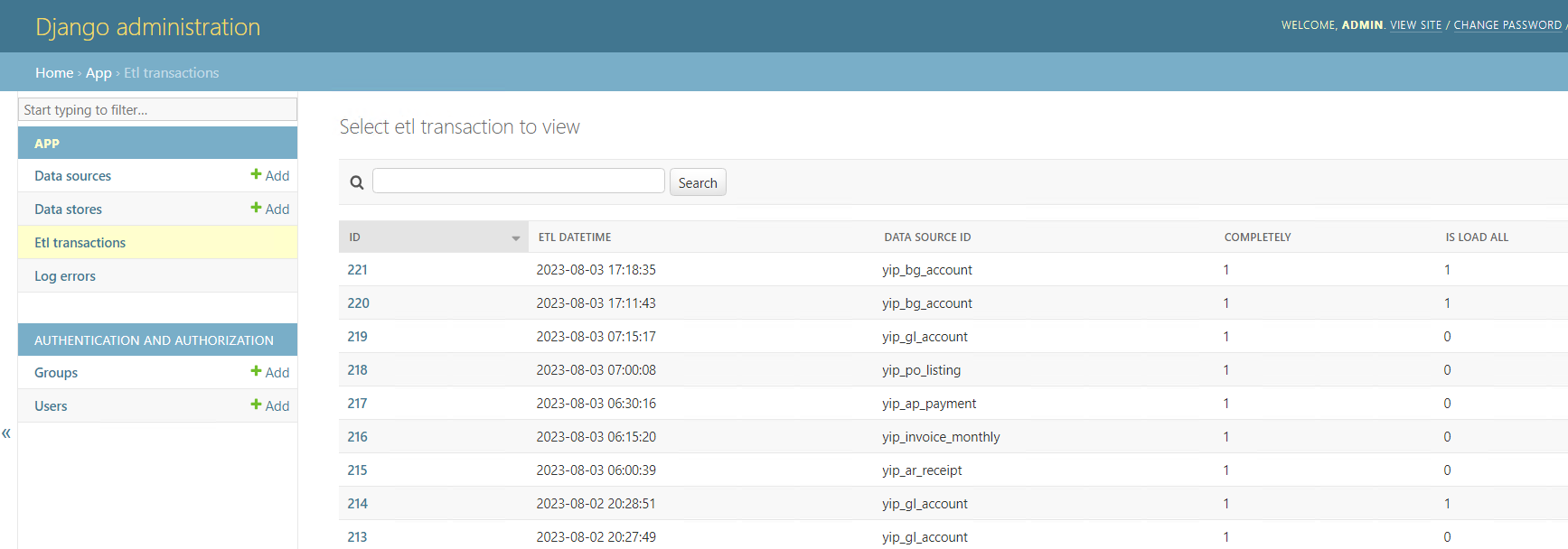


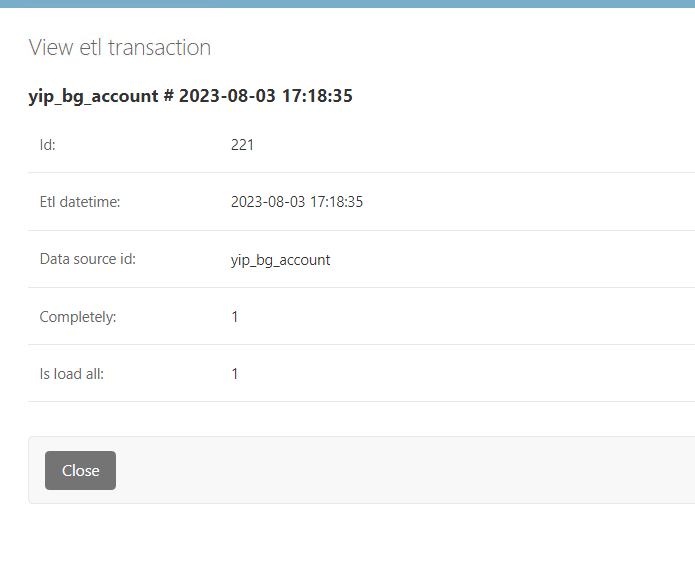


## Data source

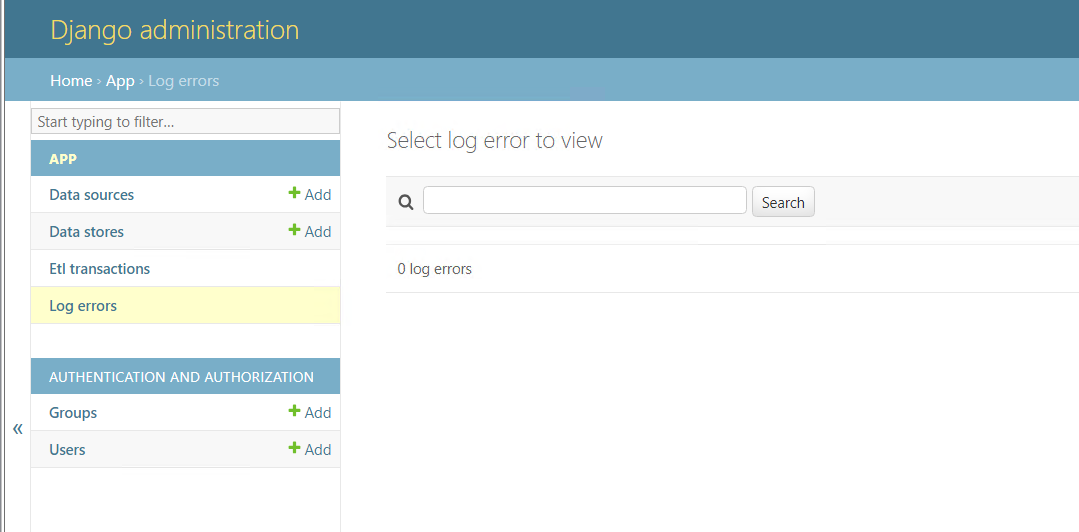


## ETL Transaction





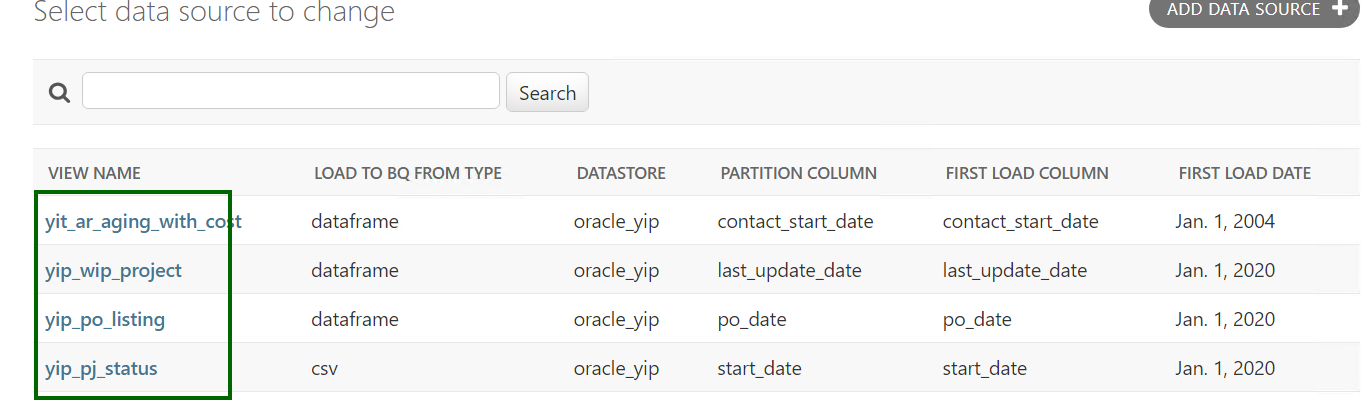
## Log Error



# Run Batch Job

## How to get view name

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

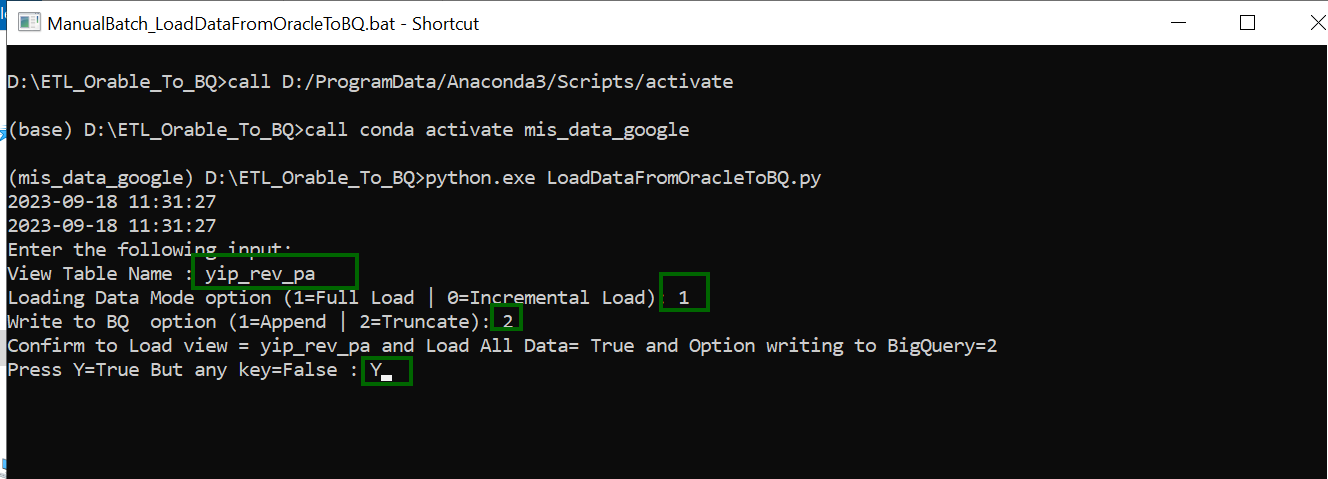


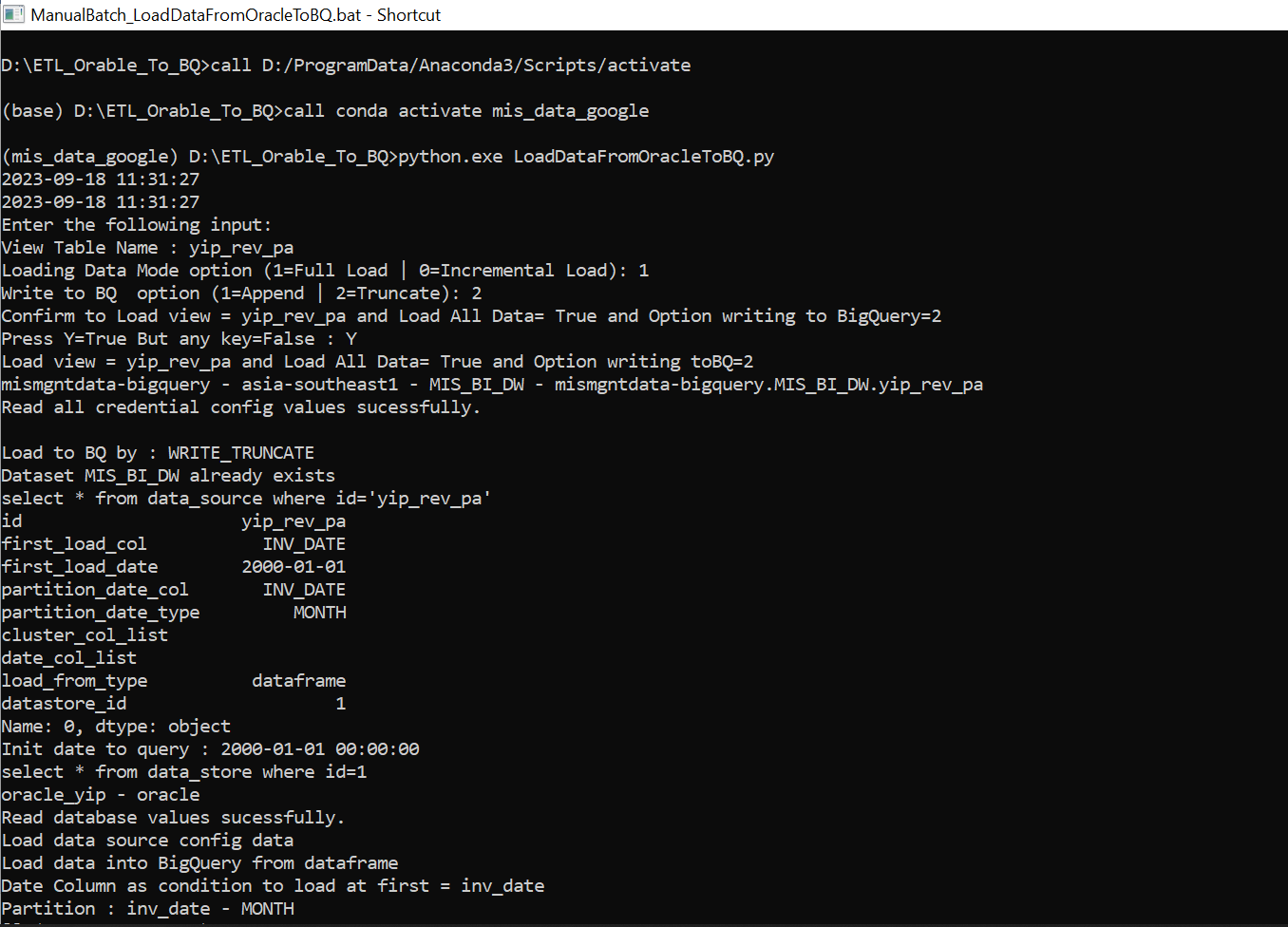
## Run Batch with ManualBatch\_LoadDataFromOracleToBQ.bat (Full Load if data schema change)

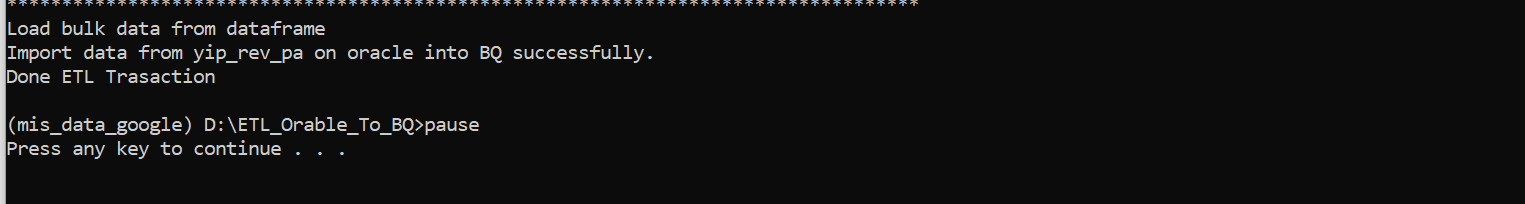
You have to fill in these the following parameters

### Run batch manually

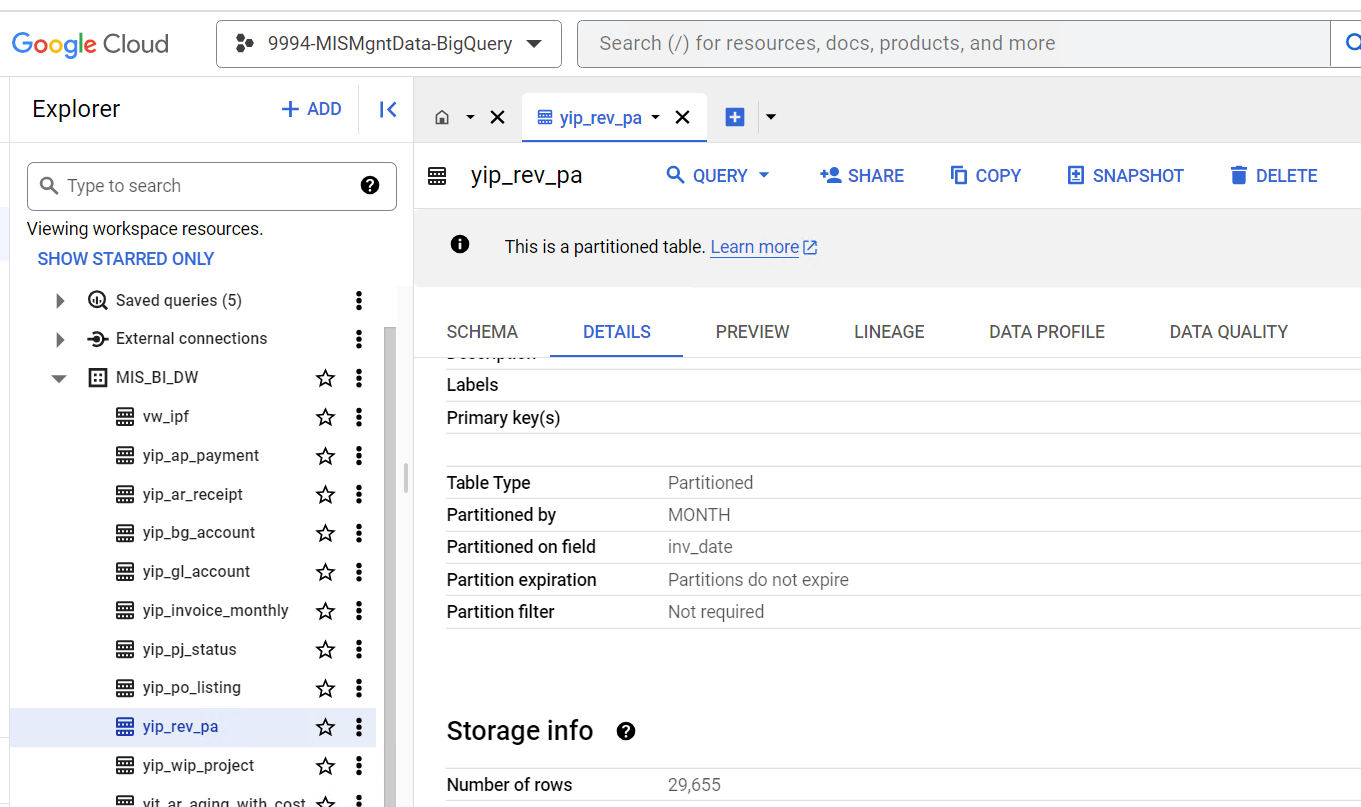
* View name=”Name”
* Load option=1
* Write to BQ=2





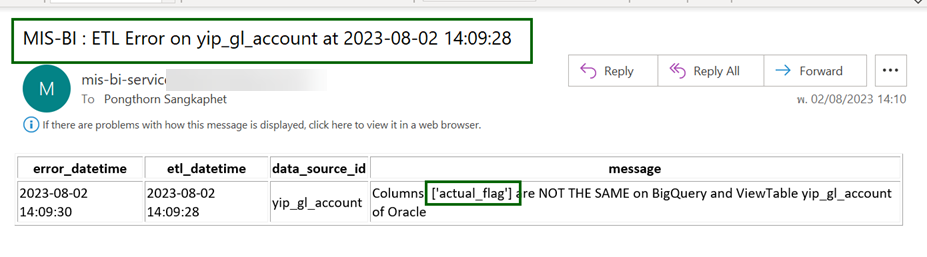


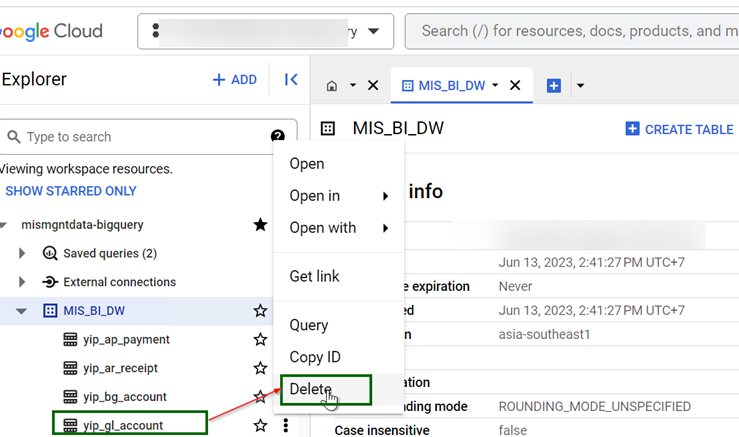
view newly loaded table

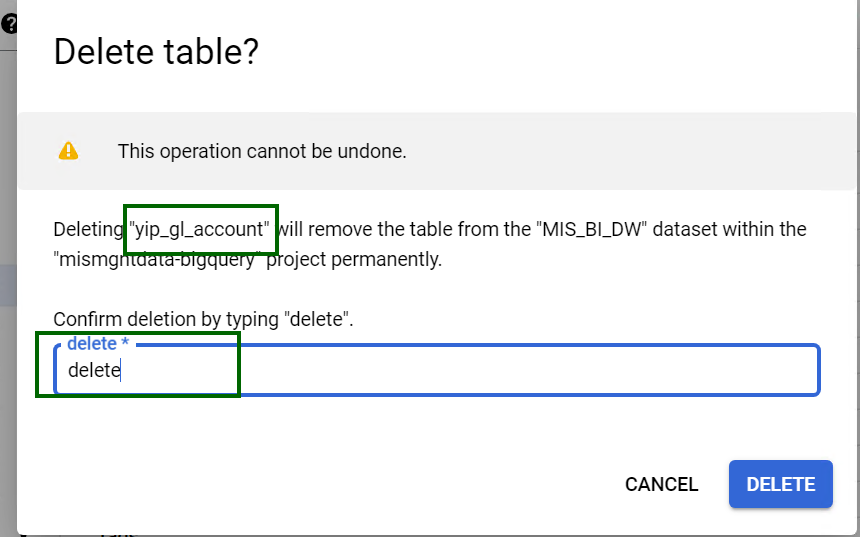


### Error Load data (Error Management (Full Load if data schema change)

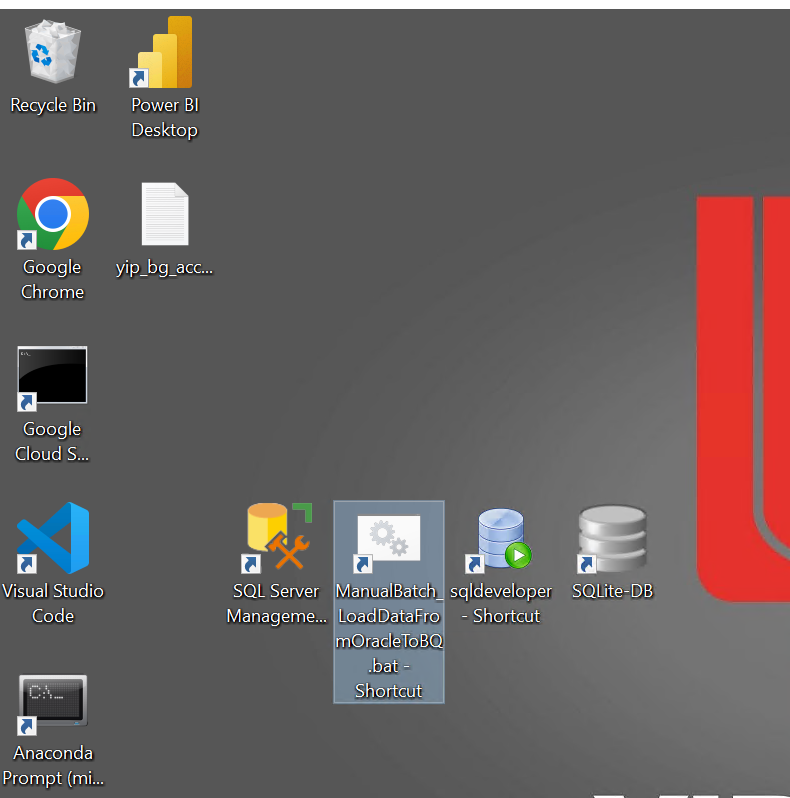
Admin will get some errors via email notification because there are some inconsistent columns on table schema between data source (view on Orable /SQL Server) and Bigquery

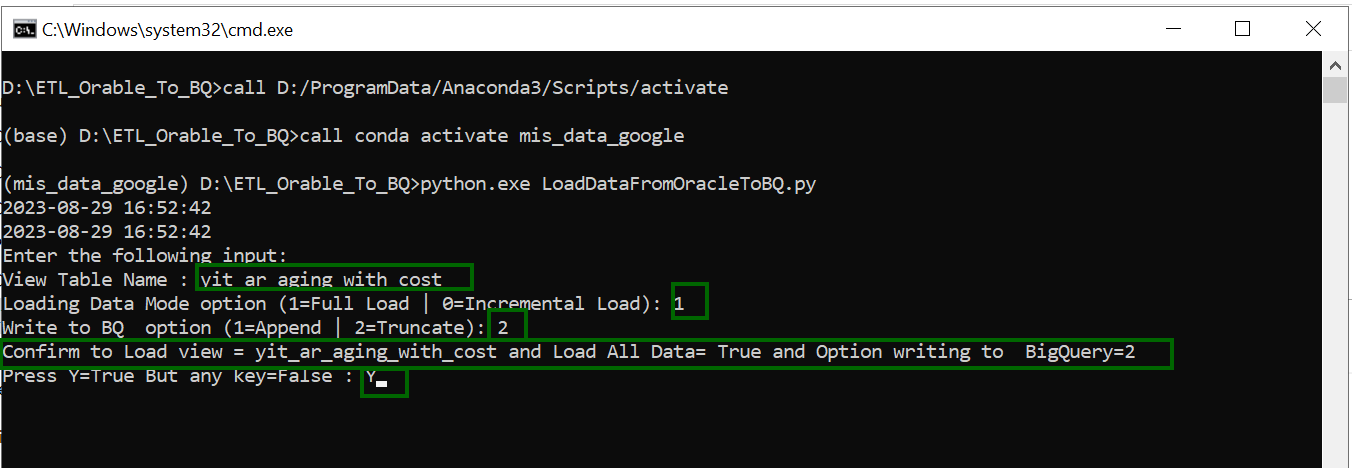
First of all , you want to do full load , you must delete table manually on Bigquery Console, otherwise program batch will raise error 





Run Batch to run full load

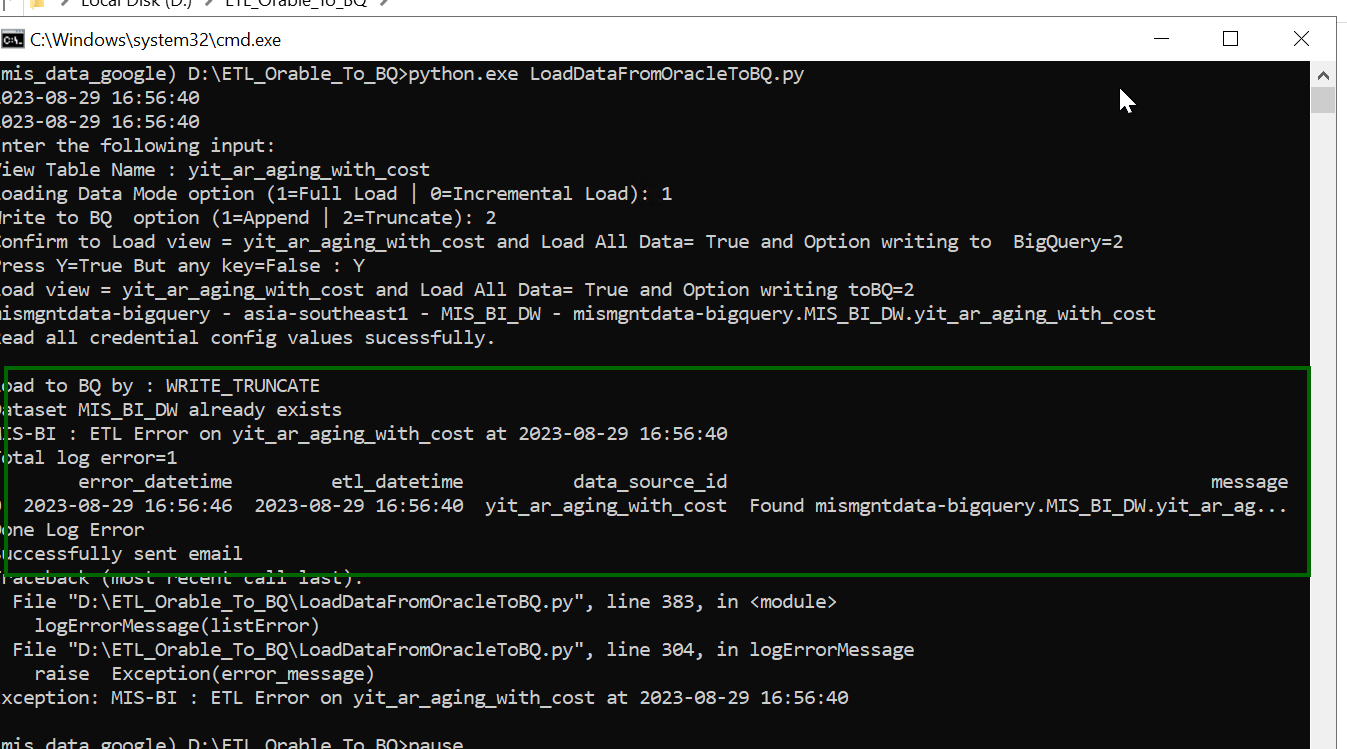




Read message before Pressing Y carfully

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

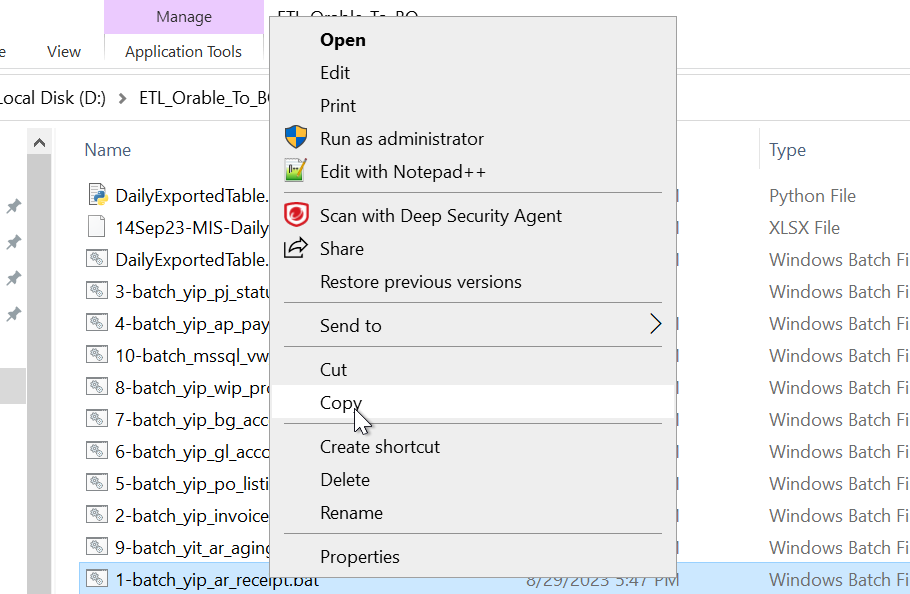
If existing table, you will encounter error like below



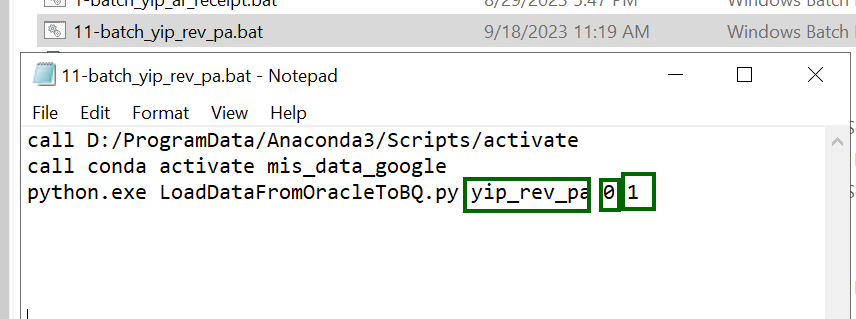
## Run Batch as Periodic Job to load items on daily basis

### Create Bacth

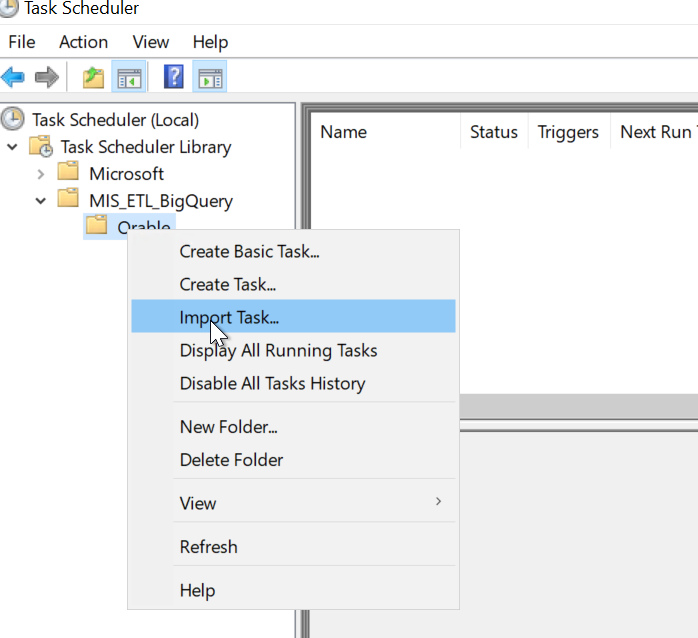
1. [Create date source as this link](#_Data_source)
2. Copy bach from any existing batch file and rename file to with new view

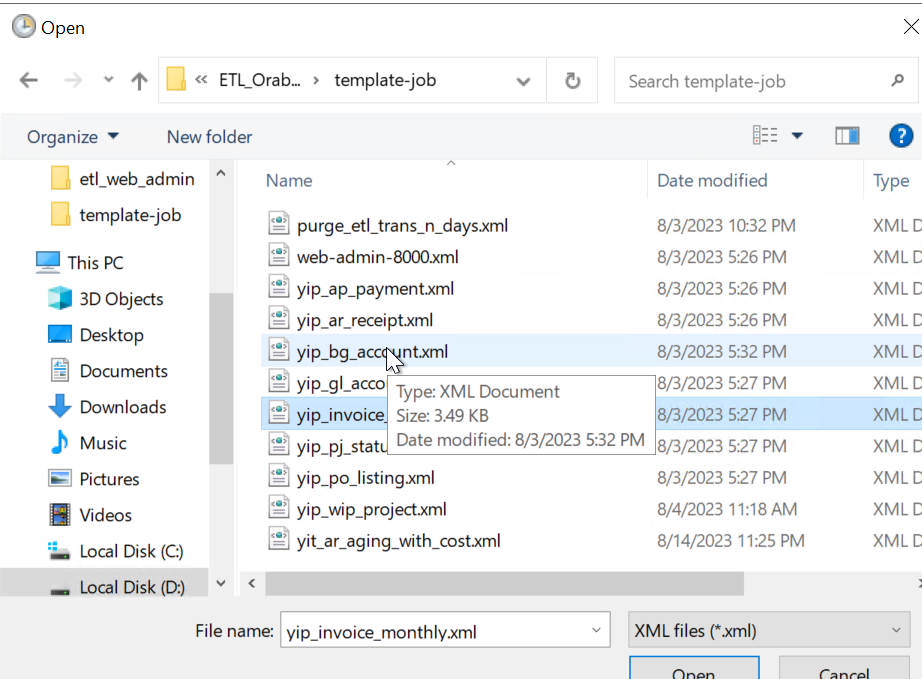


1. Change parameter

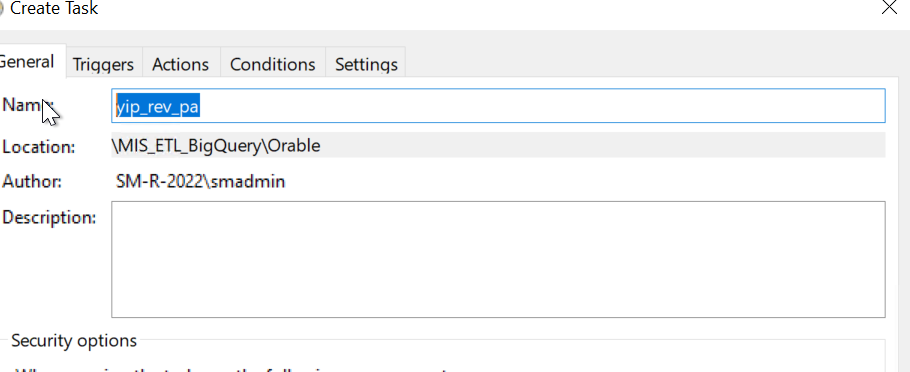


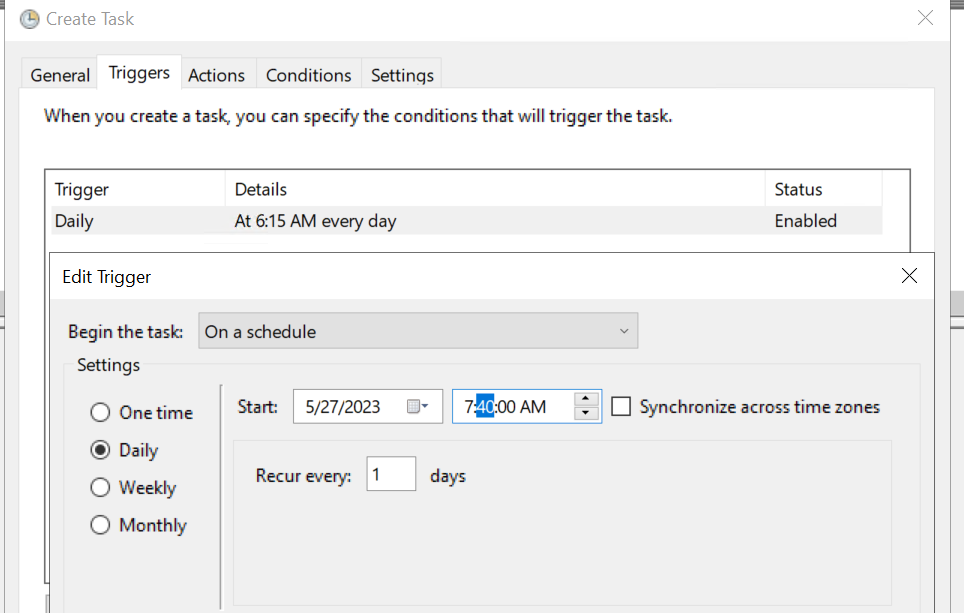
1. Create task scheduler by using any existing job template file except purge\_etl\_trans\_n\_days.xml and web-admin-8000.xml

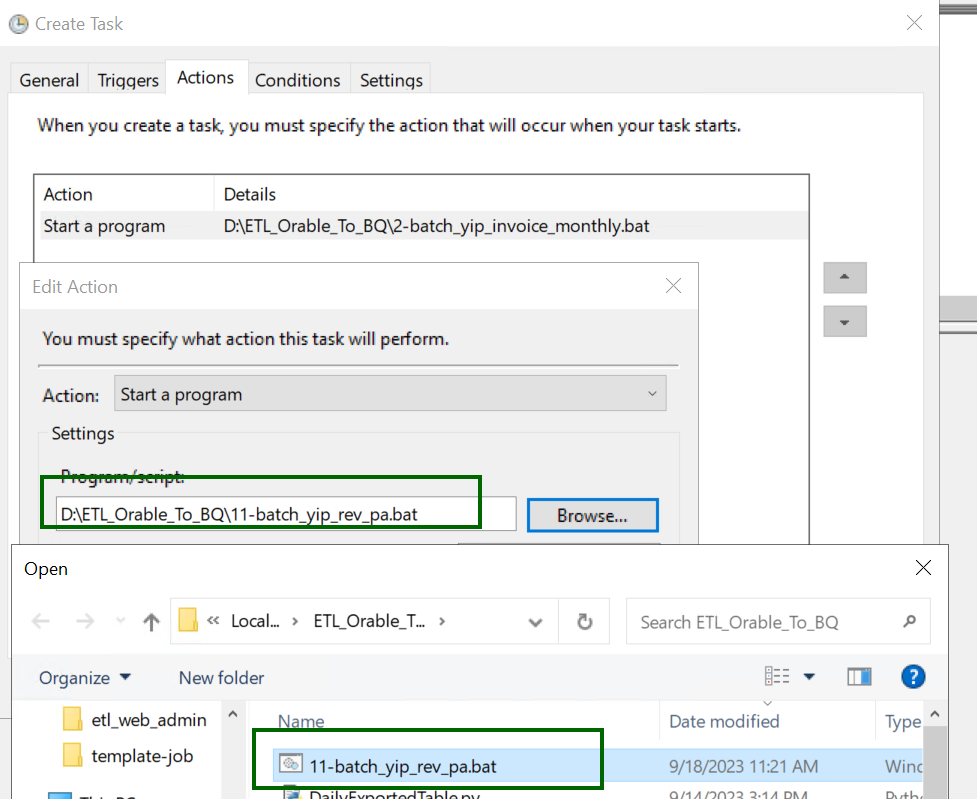




1. Change window task configuration value as figure below.







1. [Load all by run manual batch as link](#_Run_Batch_with)

### Batch job Detail

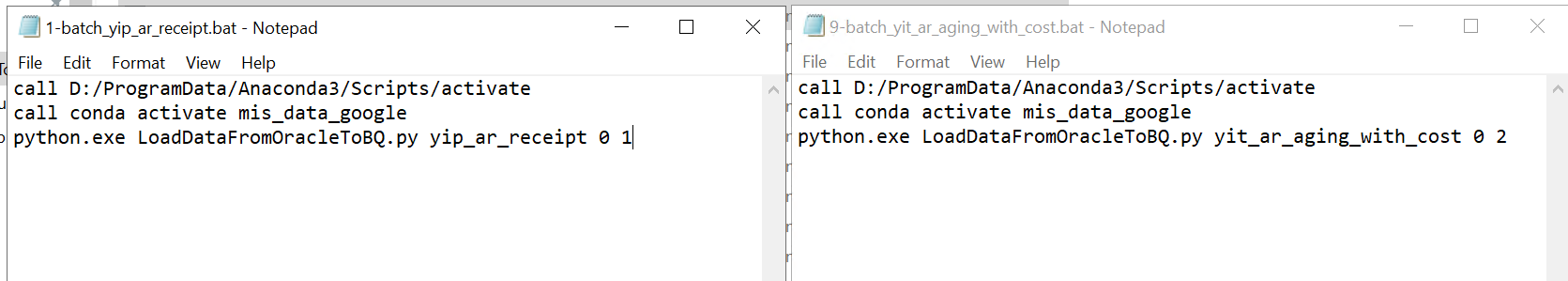
How to set parameter in batch file

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

View name=”Name”

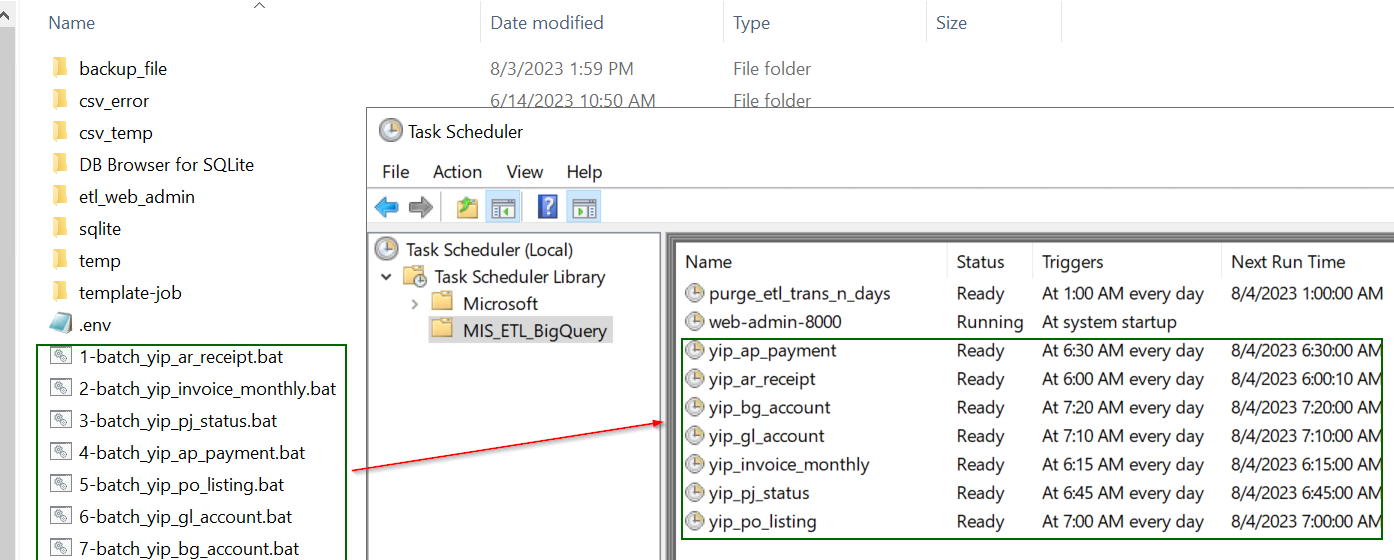
Load option=0

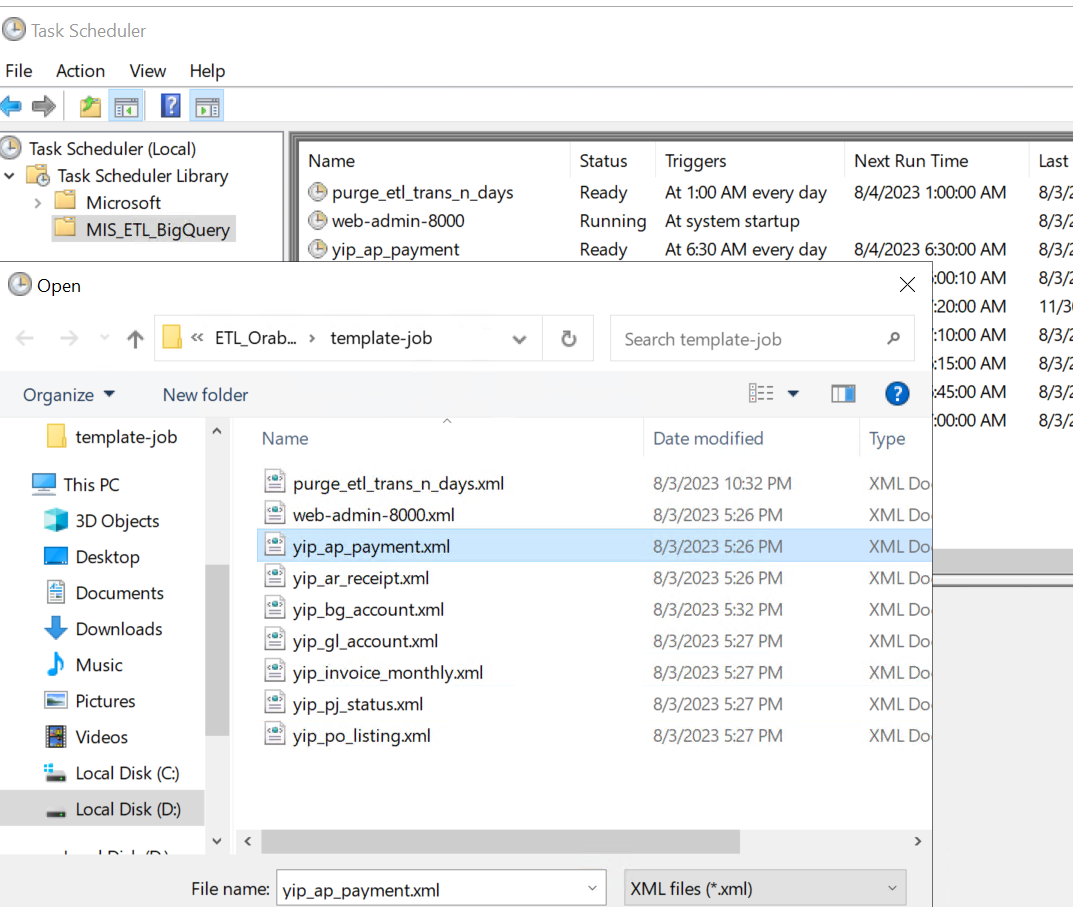
Write to BQ=1 (except Ar Aging=2)

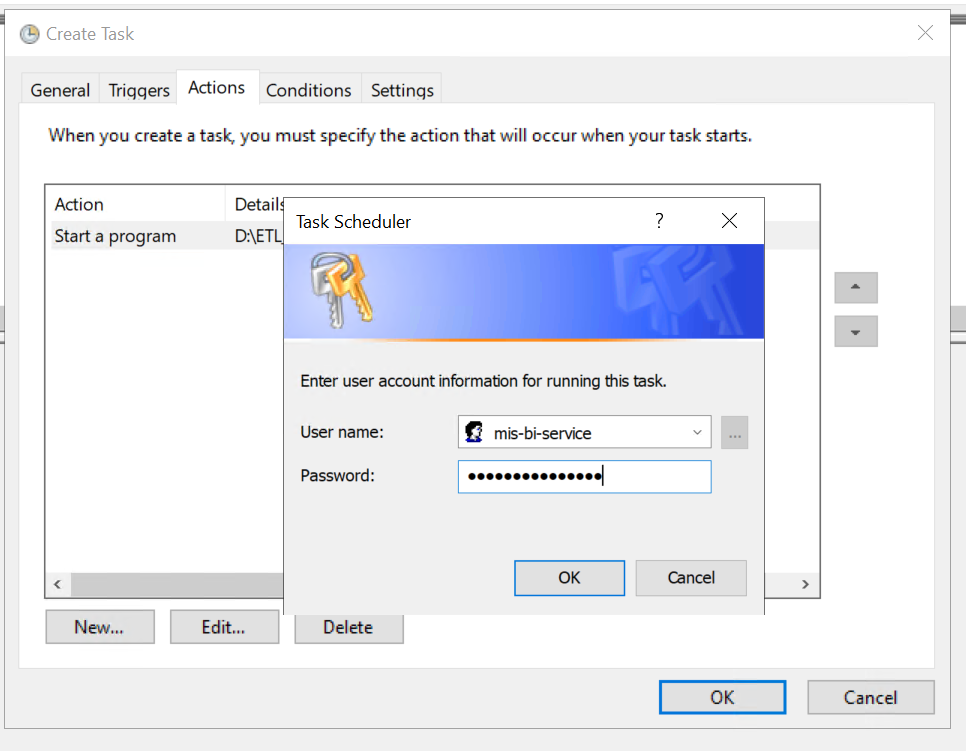


python.exe LoadDataFromOracleToBQ.py [view name] [load option 1=Full Load or 0=Incremental Load"] [write to bq option 1=Append or 2=Truncate]

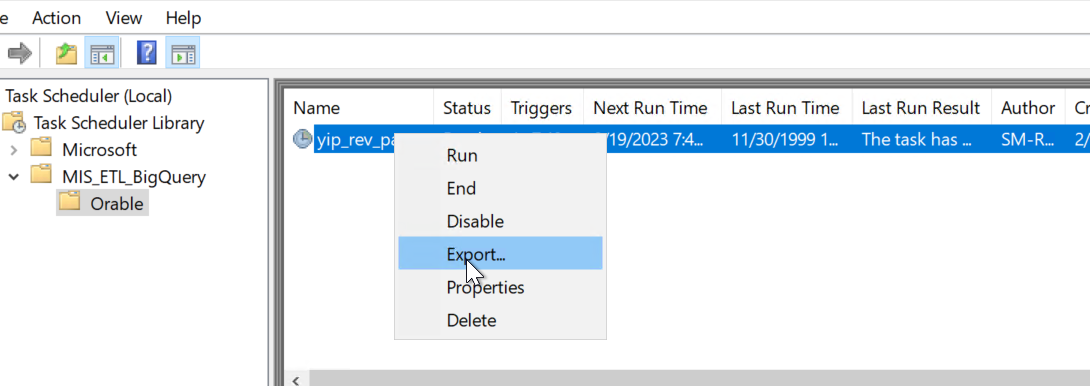
All view except yit\_ar\_aging\_with\_cost

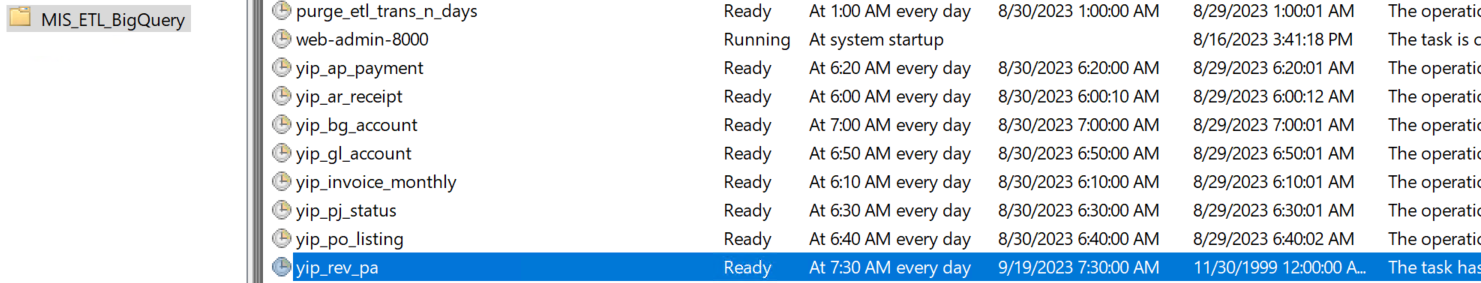




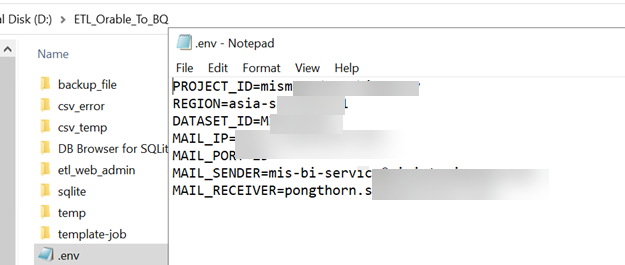


1. Save task template

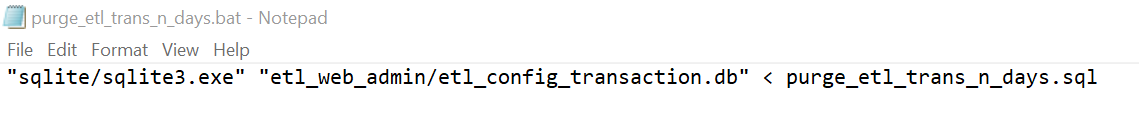


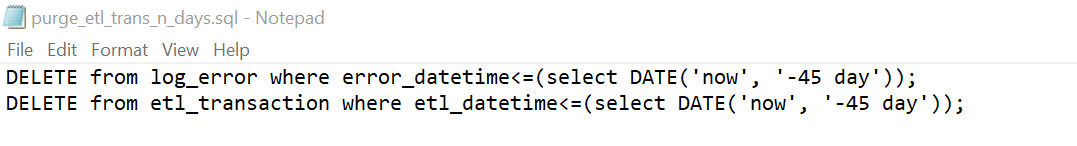


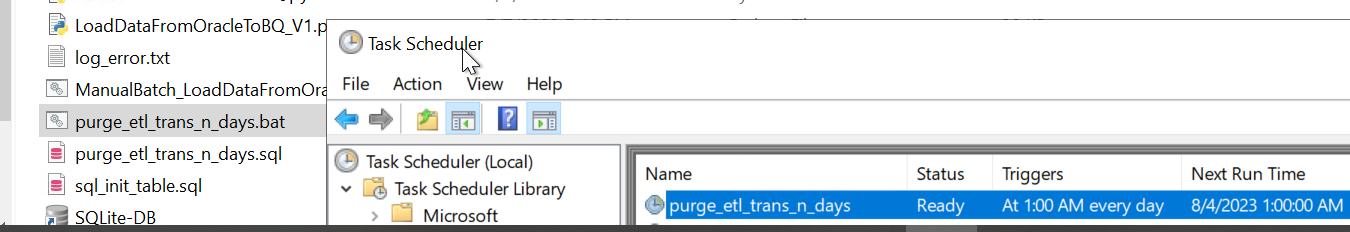
# Google BigQuery and Email Config



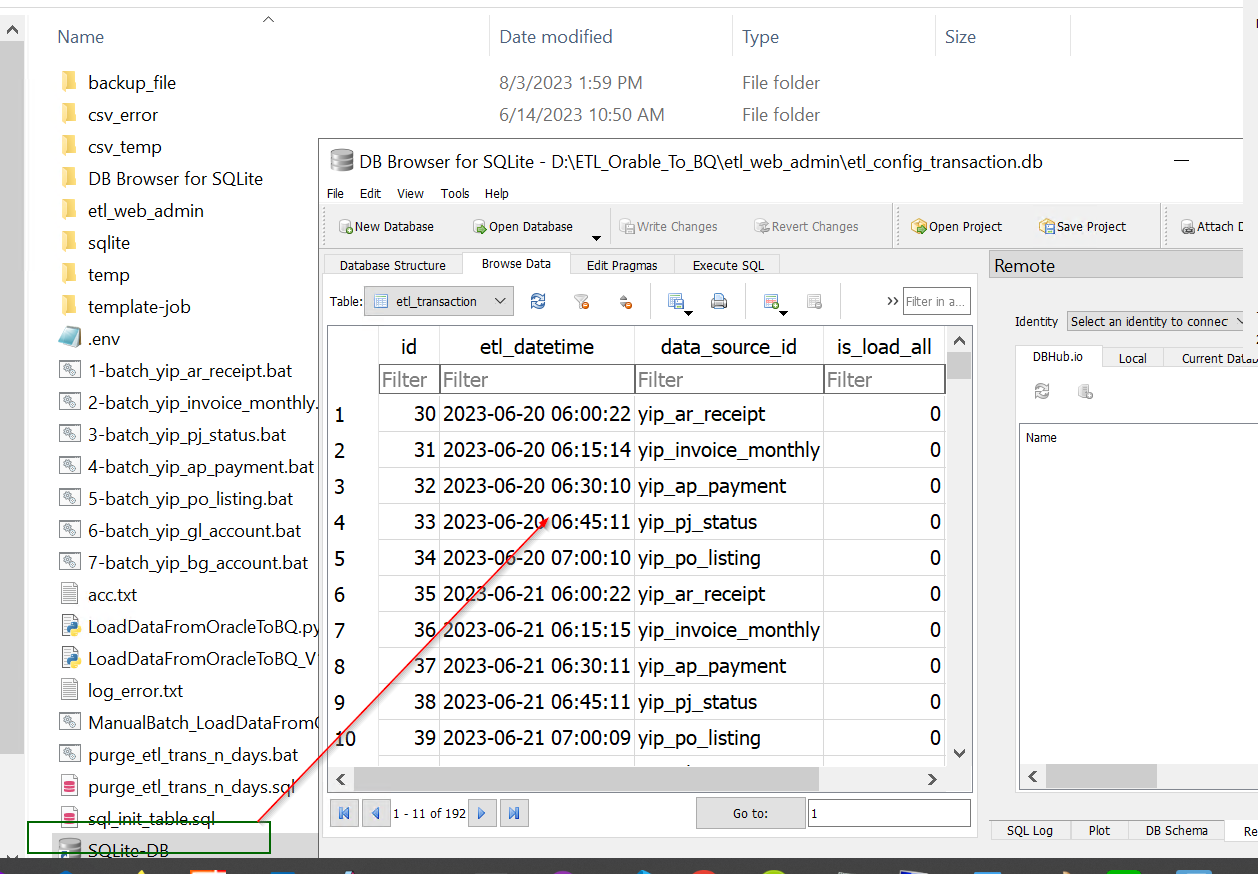
# Purge old data



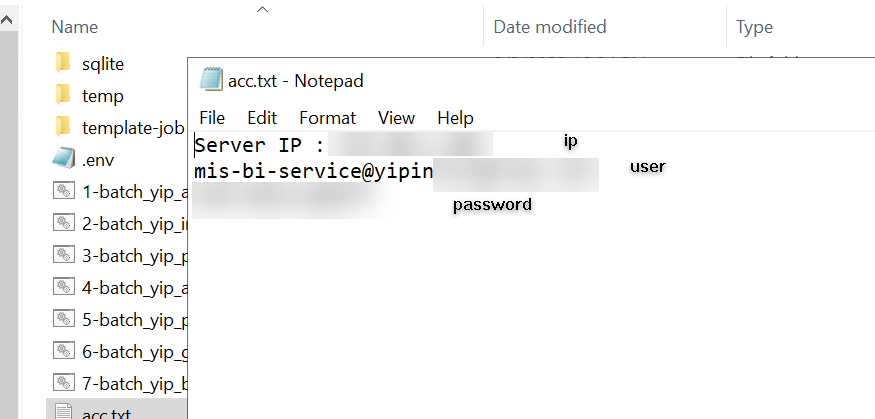




# Use SQLite-DB Datebase UI



# Credential data Username/Password/IP Server



# Setup Anaconda Environment

