

# **INSTRUCTIONS**

## **Data Loading And Processing**

- All the data files are uploaded, be mindful while data uploaded wrong files might end up causing errors
- Ensure tables names
- Ensure DATA BASE CONNECTION Parameters

## **Business Stakes Questions:**

To solve all questions poised in the assessment, require a relationship between all tables, there's a strong possibility its not possible with the given data.

## **ORDER OF OPERATION:**

- Please create tables in the POSTGRESQL OR DATABASES before ingestion of data into database. You can just upload and run the **SQL CREATE TABLE FILE** (Filename: Tables\_creation.sql)
- Alter table commands must be run after tables creation (filename: Alter\_table\_commands.sql)
- Please process the Jupyter notebook python file. (Filename: Code.ipynb )

Noticed in the data files, the Json format files contains some extra erroneous spaces in the users and brands, and in Receipts table there was a nested receipts items needed to be mindful while unloading the data.

Due, to continues errors with PostgreSQL needed to adopt some manual work to ensure integrity and error avoidance.

Thanks  
Vishnusai