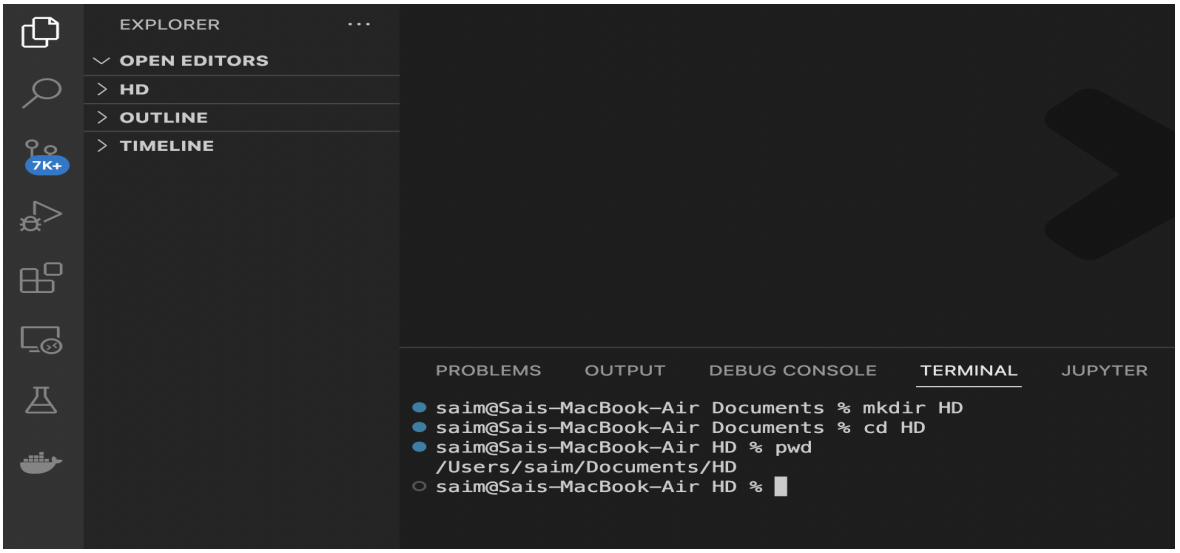
Instructions Document for Google Trends Solution using Airflow

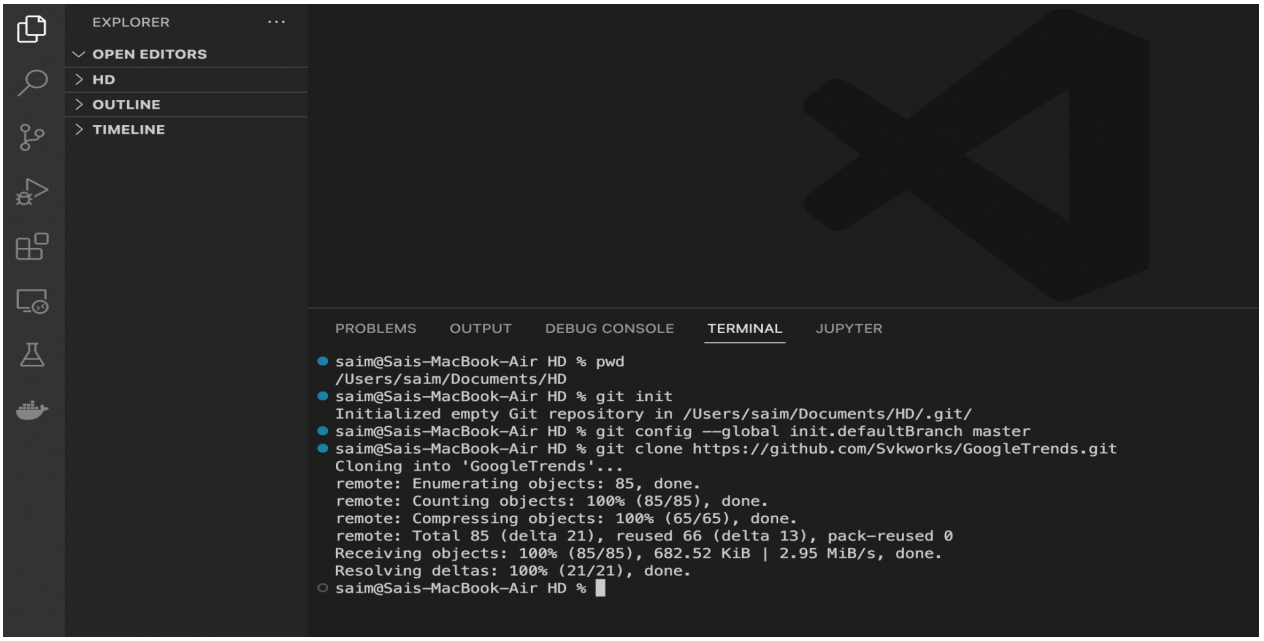
1. **Create a directory in your local system and get inside the newly created directory using following commands**

```
mkdir HD
cd HD
```



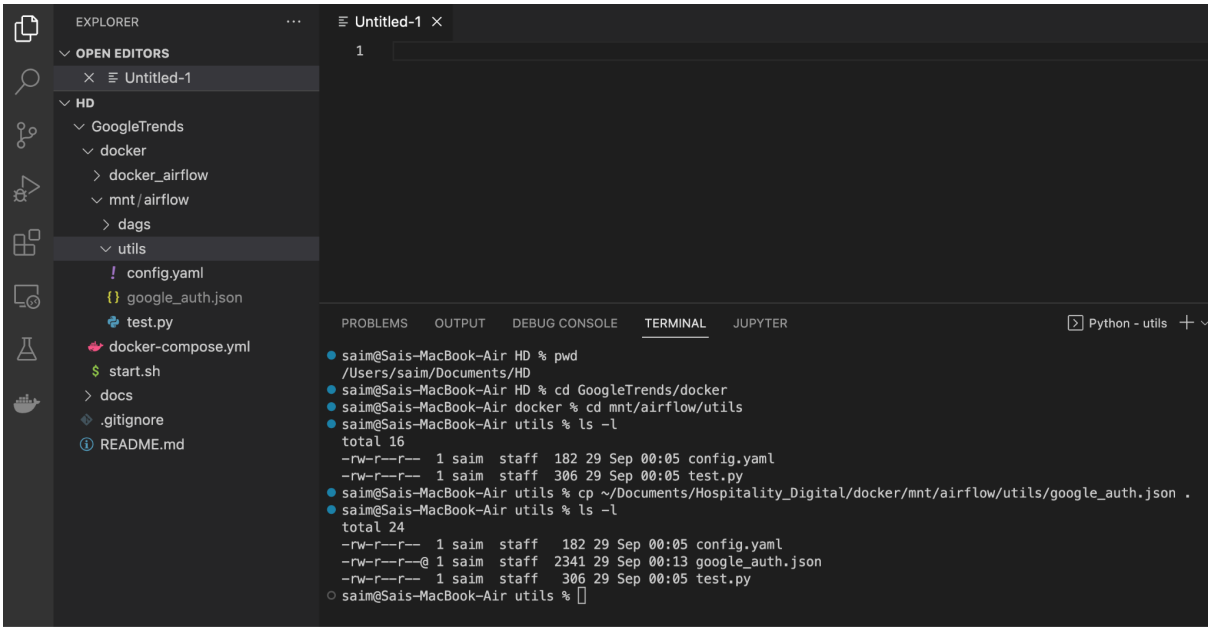
2. **To Clone the GoogleTrends, we need to initialise the git inside the "HD" directory**

```
git init

git config --global init.defaultBranch master

git clone https://github.com/Svkworks/GoogleTrends.git
```



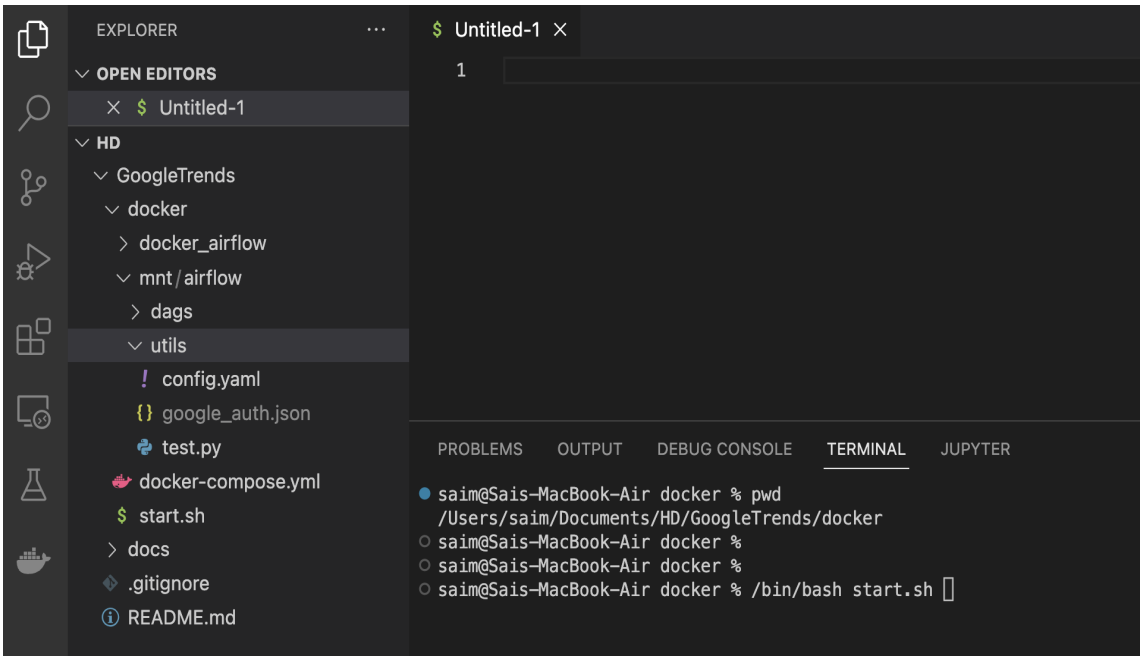
3. **Once you clone the GoogleTrends project, then move to "GoogleTrends/docker/mnt/airflow/utils", and Please "add your google_auth.json" file in following location**

```
cd GoogleTrends/docker
cd mnt/airflow/utils
cp ~/Documents/Hospitality_Digital/docker/mnt/airflow/utils/google_auth.json .
```

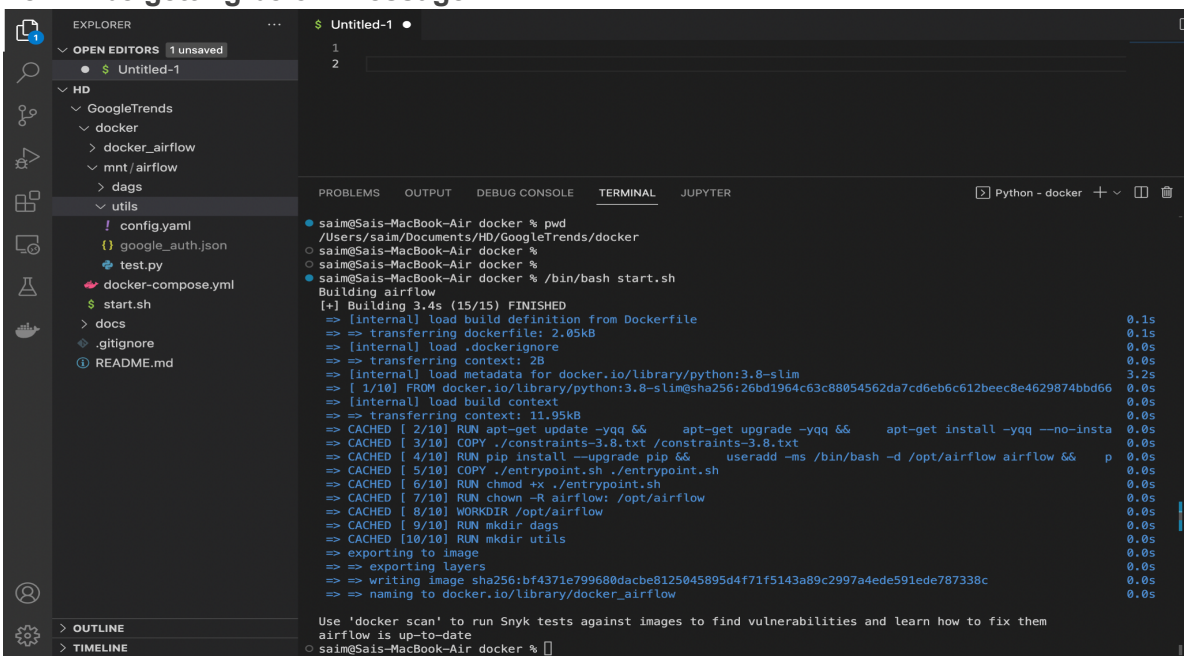


4. **Once you add google_auth.json, Please run the following commands to go to "docker" directory. Following command will create airflow docker, (Note: Your docker folder should be your present working directory (PWD))**

```
cd ../../../

/bin/bash start.sh
```

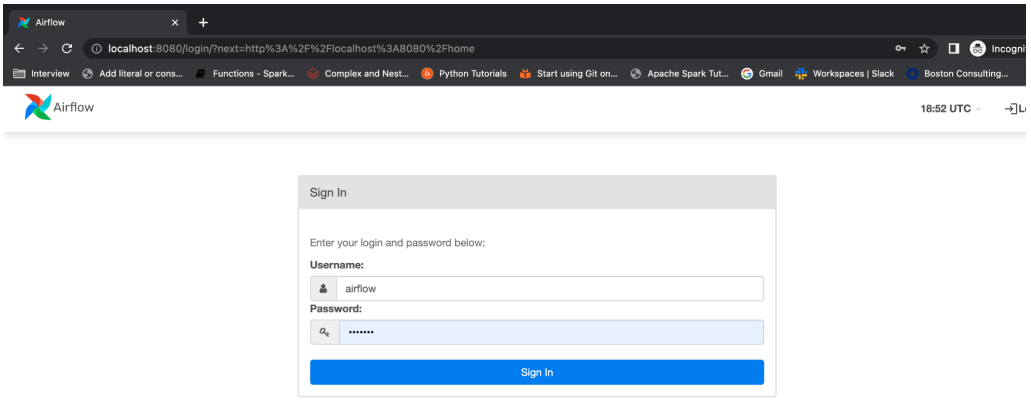


5. Once you run start.sh file in dockor directory, it will create airflow docker image, and we will be getting below message.

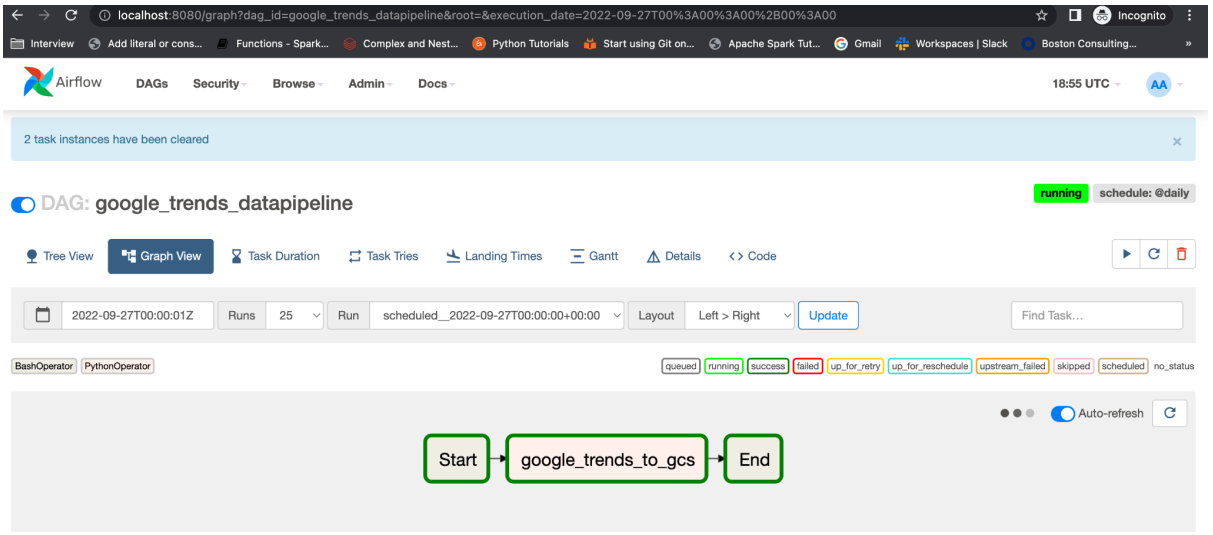


6. Once you run the above command, it will create a snowflake docker container, to verify the container status please go to "http://localhost:8080" You can see airflow login page, and please use the following credentials to access the airflow webUI

```
username : airflow

password : airflow
```



7. **Once you login in airflow webUI, we can see “google_trends_datapipeline”, clear the logs and trigger the dag, then the DAG will be executed successfully**



8. **Please go to your Google cloud Bucket and verify the file ingestion. There we can see the file as below.**