Installation of Apache Superset, SQL Workbench using Docker

Installation of Docker

1. **Download Docker Desktop**: Downloaded docker desktop from [Docker Official Site](#)
2. **Run the Installer**: Executed the downloaded installer file as an administrator.
3. **Configuration**: enabled WSL 2, for optimal performance.
4. **Restarted**: After the installation was complete, restarted the application.
5. **Launch Docker**: Open Docker Desktop to finish setup.
6. **Verification**: Verified if docker was installed successfully by running `docker --version` in powershell.

Installation of SQL Workbench & Apache Superset

In setting up MySQL, Docker Desktop, Git, and Apache Superset, I began by installing MySQL Server and Workbench, creating a database, setting up tables, inserting sample records, and performing essential queries. I also imported data from a CSV file into the database.

Next, I installed Docker Desktop and Git. After pulling the Superset image from Docker, I ran it in a container. I confirmed the installation by checking Docker's version and verifying the image tag. I launched Superset with:

```
docker run -d -p 8080:8088 -e "SUPERSET_SECRET_KEY=mysuperset" --name superset
apache/superset:27ff8f2-dev
```

Then, I created an admin user with the following command:

```
docker exec -it superset superset fab create-admin --username admin --firstname
Superset --lastname Admin --email admin@superset.com --password admin
```

Finally, I upgraded the Superset database and loaded example datasets with:

```
docker exec -it superset superset db upgrade
docker exec -it superset superset load_examples
```

This completed the setup, allowing me to access Superset for analytics tasks