

Operational Guide

Environment Setup

1. Install Dependencies

- Run the following command in your project directory to install the necessary Python packages:

```
pip install -r requirements.txt
```

2. Local MySQL Connection

- Configure a local connection in MySQL Workbench with your preferred settings.

3. Update Connection Credentials

- Before executing the `data_storage` and `query` notebooks, locate the section in the code designated for database connection settings.
- Input your MySQL Workbench local connection credentials (host, user, password, and database name) to enable the notebooks to interact with your MySQL database.

4. Notebook Execution

Run the following notebooks in order:

1. **Data Acquisition**
 - `data_acquisition_api`
 - `data_acquisition_scraping_lolalytics`
 - `data_acquisition_scraping_opgg`
 - `data_acquisition_scraping_blitz`
2. **Data Integration**
 - `data_integration`
3. **Data Cleaning**
 - `data_cleaning`
4. **Data Quality**
 - `data_quality`
5. **Data Storage**
 - Prior to execution, ensure you have entered your MySQL credentials in the code as mentioned above.
 - `data_storage`
6. **Query**
 - Similarly, verify that your MySQL credentials are correctly inserted before running this notebook.
 - `query`

Ensure each notebook is fully executed before moving to the next.