**Breweries Test - Setup**

**NAME:** Breweries Test - Setup

**TYPE:** Setup

**DESCRIPTION:** Instructions to setup project

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**History**

| **Date** | **Version** | **Comments** |
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**Architecture**

**Gráfico, Diagrama, Gráfico de caixa estreita

Descrição gerada automaticamente**

**Technologies**

For this test, the following technologies were used:

* Airflow – Orchestrate tasks
* Python – Develop tasks
  + Pandas – Extract, Transformation and Load data
  + Requests – Get data from API
* Docker – Used to encapsulate the environment

**Prerequisites**

- Ter o Docker desktop instalado em seu ambiente

**Instructions to Setup**

1. Clone the git repository through the command:

- git clone <https://github.com/MathBosco/BreweriesCase.git>

1. Open Docker desktop
2. Open folder from cloned repository in cmd
3. Init Docker Build through the command:

- docker-compose up airflow-init

1. After the previous command is finished, enter the next command to start Docker:

- docker-compose up

1. Docker will be ready to access when the following line appears in the terminal:
2. After the previous command is finished, open your browser and put this address on the search bar:

- localhost:8080

1. To authenticate in Air Flow use:

- **user:** airflow

- **password:** airflow

1. To validate the project configuration, check that the folder structure is in the following format:
2. That’s it, you can now use the application! To learn more about how to perform the tasks, see the document: **docs/BreweriesDocumentation.docx**
3. To close Docker, use the command:

- docker-compose down