

# Project: Data Warehouse with PostgreSQL

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## Preparing the environment

This project uses Linux on Pop\_OS!, with PostgreSQL as the database management system for the data warehouse.

Before running the data warehouse scripts, ensure that you have PostgreSQL installed and running on your system. You will also need to have access to the PostgreSQL user with sufficient privileges to create databases and tables. Currently, the scripts assume that the PostgreSQL user is **postgres**.

To install PostgreSQL:

```
sudo apt install postgresql
```

By default, the service will start automatically after installation. If it does not, you can start it manually using the following command:

```
sudo service postgresql start
```

## Documentation

The project documentation is written in AsciiDoc. If you want to modify and rebuild the documentation, you will need Asciidoctor. The method I used to install asciidoctor was to install the latest Ruby gems:

```
sudo apt install ruby
sudo gem install asciidoctor asciidoctor-diagram asciidoctor-pdf
```

For diagrams, Draw.io is used.

# Data Flow

