# PostgreSQL Installation via Docker Guide

Guide for downloading and installing PostgreSQL via Docker for the ["Python Web Basics Course @ SoftUni"](https://softuni.bg/courses/python-web-basics)

# Download the Docker Desktop Installer Package

Download the current version of Docker from <https://www.docker.com/>. Make sure you **select Docker Personal** as the product you want to download:

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If you **don't own a profile** already, you should **sign up** to download it:

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Download Docker installer package **depending on your OS**:

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Open the file and **install** Docker:

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**Restart** your computer, then **open** the Docker. Depending on your OS, you may see **the following pop-up message**:

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If you do - **click on the link**, do **NOT** **close** the pop-up message, and install the **Subsystem for Linux update**:

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If you installed it **correctly**, you should see the following window:

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**Start PostgreSQL Container**

Download the archived **docker-compose.yml** file from [here](https://softuni.bg/trainings/3595/python-web-basics-january-2022#lesson-35861).

Then, **choose a folder where you need to store it**. That folder you should open via the **Terminal** (**CMD** for Windows). For example, the desired folder is **docker-postgres**, and it is opened in the **CMD** using the command **cd <name of the folder>**:



Then type the command (same for all OS):

**docker-compose up -d**

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# Download the pgAdmin 4 Installer Package

Download the **current version of pgAdmin** from <https://www.pgadmin.org/>. Make sure you **select** the appropriate for your OS (only for Windows and Mac) **PgAdmin**:

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**Note**: **Linux** **users should download pgAdmin** **via the terminal window**.

You'll only need to download the **.exe** (Windows) or **.dmg** (Mac) **file**:Graphical user interface, text, application, email

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**Open** the downloaded file and **run** it, then **choose the recommended installation** and **install** it:

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# Connect with pgAdmin

Open **pgAdmin** and write the password which you chose while registering:Graphical user interface, text, application

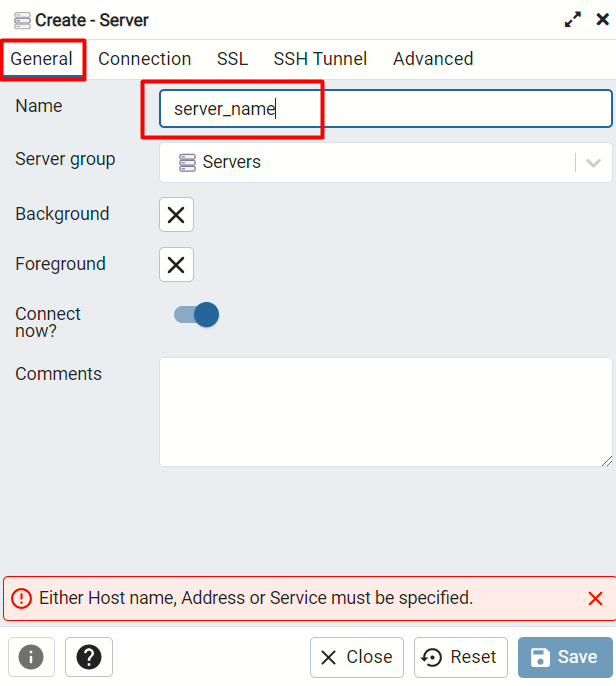
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Then right-click on the server to create one:

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Choose a **server name**:



In the **connection** field, type the additional part:

HOST: localhost

POSTGRES\_USER: postgres

POSTGRES\_PASSWORD: 1123QwER

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