

# **File Converter Documentation**

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# 1 Installing Python and Required Libraries

Python is the programming language used for this script. To run it, you will need Python installed on your system. The process to install Python depends on your operating system. The details to install Python on the currently supported operating systems (Windows and Linux) are below.

## 1.1 Installing Python on Windows

Installing Python on Windows is a bit more involved than Linux. We are following the steps provided by Digital Ocean [1].

### Step 1: Downloading the Python Installer

1. Head to the [official Python download page for Windows](#).
2. Click the link for the latest version and download the executable (.exe) file.

### Step 2: Run the Installer

1. Double click the executable
2. Select the **Install launcher for all users** checkbox. This enables all users of the computer to use the Python Launcher Application.
3. Select the **Add python.exe to PATH** checkbox. This enables users to launch Python from the command line (very important).
4. If this is your first time using Python and you are just getting started, we recommend clicking the **Install Now** option and skip to Step 4. To install other optional or advanced features, click **Customize Installation** and continue.
5. If you want to look at the optional features you can, if not click **Next**.
6. Make sure that the **Add Python to environment variables** option is checked. Choose the other items that suit you .
7. Click **Install**. A confirmation message will display when the installation is complete.

### Step 3: Verify the Python Installation

1. Go to **Start** and search for *cmd*. Open **Command Prompt**.
2. Enter the following command in the window. A version number should be output. If not, try the installation process again or visit the website included for more information.

```
1 python --version
```

## 1.2 Installing Python on Linux

The installation of Python on Linux somewhat varies depending on the distro you are running. We have information regarding installation on Ubuntu (and related distros) and Fe-

dora. For more niche distros, refer to your distro's wiki page for installation instructions (likely to be similar).

### **1.2.1 Installing on Ubuntu:**

Installing on Ubuntu and related distros required the following command in the terminal:

```
1 $ sudo apt-get update
2 $ sudo apt-get install python3
```

### **1.2.2 Installing on Fedora:**

Installing on Fedora requires the following command in the terminal:

```
1 $ sudo dnf install python3
```

## **1.3 Installing Libraries**

# **2 Downloading File Converter**

# **3 Running File Converter**

## References

- [1] Meghna Gangwar. “How to Install Python on Windows 10”. In: *DigitalOcean* (Feb. 2023). URL: <https://www.digitalocean.com/community/tutorials/install-python-windows-10>.