

Installing Python, Pandas, matplotlib, Jupyter Notebook, pytd

We recommend that you use Python to install all required packages for pytd.pandas_td. You can refer to [Python Basic Installation](#) instructions provided by the Google Cloud platform, as well as the following information.

You must download and install Python before creating a development environment.

To install Python:

1. Download from the [official site](#).
2. Review the official documentation for [Windows](#), [macOS](#), and [Unix](#). [This step-by-step tutorial](#) is also helpful.
3. From a machine from which you use TD and the TD Toolbelt, open the command line terminal.
4. Create a directory specifically for the project and navigate to it. We recommend naming the environment name starting with `.venv`, so that Diggdag can ignore those directories.

MacOS and Linux	Windows
<pre>cd <your-project> python3 -m venv .venv</pre>	<pre>cd <your-project> py -3 -m venv .venv</pre>

Activate the environment

1. After creating the virtual environment, activate the environment.
MacOD and Linux - `$ source .venv/bin/activate`

Windows - `.\.venv\Scripts\activate`

2. Install pytd using the pip command:

```
(.venv)$ pip install pytd
```

3. Install Jupyter and related packages:

```
(.venv)$ pip install jupyter notebook matplotlib seaborn
```