**Installing Face Recognition Module in Python in VS code**

I want share my experience about how I face troubles while installing “face recognition module in python” as part of my project “**Face Recognition Attendance System”** in my final year and finally how successfully overcome that problem after spending lot of time to resolve the errors I got while installing face recognition module.   
  
**The steps to install the face recognition module and errors:**

Fist I try to install in command prompt using -

**pip install face\_recognition**

I received an error that “dependency libraries are missing” . Those are cmake and dlib.  
  
I able to install cmake very easily using command

**pip install cmake**

Now, I again I tried to install face recognition, but I again I received an error.

I tried to install another dependency library dlib.

**pip install dlib**

But unfortunately, I received an error. So, that I tried to install dlib with version

**pip install dlib == version**

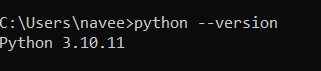
**# pip install dlib==19.24.2** (current version)

Again, I received an error.

After so much of research, I finally found a solution, I downloaded the dlib wheel file from git hub. We need to download the file based on python version in your system.

To know python version run the following command

**python –version**

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Based on version download the dlib wheel from git-hub from this link:

<https://github.com/sachadee/Dlib>

You able to see Dlib compiled binary (.whl) for python 3.7, 3.8, 3.9 for windows x64

To get latest versions you may see in pull request for python 3.10 and 3.11

Then install the whl file

**Pip install dlib-19.22.99-cp310-cp310-win\_amd64.whl**

**.whl**

Python .whl files, or wheels, are a little-discussed part of Python, but they've been a boon to the installation process for Python packages.

**cmake**

Cmake is used to control the software compilation process using simple platform and compiler independent configuration files, and generate native make files and workspaces that can be used in the compiler environment of your choice.

**Dlib**

Dlib is a modern C++ toolkit containing machine learning algorithms and tools for creating complex software in C++ to solve real world problems. It is used in both industry and academia in a wide range of domains including robotics, embedded devices, mobile phones, and large high performance computing environments. Dlib's open-source licensing allows you to use it in any application, free of charge.