

This document describes how to install the required libraries for running the algorithm matching project.

Linux guide:

1. Download anaconda from <https://www.anaconda.com/distribution/#download-section> (Python version 3.7)
2. Run
 - a. `$ bash Anaconda3-<VERSION>-Linux-x86_64.sh` for installing anaconda
3. Create the environment by running (this needs to be run just once):
 - a. `$ conda create -n <NAME> python=3.7.3`
4. Activate the environment (run this every time using this project):
 - a. `$ source activate <NAME>`
5. Navigate to the root directory of this project
6. Install the libraries by running (this needs to be run just once):
 - a. `$ pip install -r requirements.txt`
7. Refer to the functional analysis document on how to run this project.

Windows guide:

1. Download anaconda from <https://www.anaconda.com/distribution/#download-section> (Python version 3.7)
2. Install following the installer instructions
3. Open the Anaconda Powershell Prompt
4. Create the environment by running (this needs to be run just once)::
 - a. `$ conda create -n <NAME> python=3.7.3`
5. Activate the environment (run this every time using this project):
 - a. `$ conda activate <NAME>`
6. Install the libraries running (this needs to be run just once):
 - a. `$ conda install matplotlib`
 - b. `$ conda install scikit-learn`
 - c. `$ conda install -c anaconda py-xgboost`
 - d. `$ conda install pandas`
 - e. `$ conda install -c conda-forge tqdm`
7. Refer to the functional analysis document on how to run this project.