

INSTALLATION:

To run the provided package, please follow the instructions for your operating system:

Note: following steps require you to have Python 3.x downloaded and installed on your machine.

For Windows:

Open command prompt as administrator

Update the pip install "python -m pip install --upgrade pip"

To install matplotlib use "python -m pip install matplotlib"

To install numpy use "python -m pip install numpy"

For OS X:

Open the terminal

Update the pip install "pip install --upgrade pip" or python3 get-pip.py

To install matplotlib use "pip install matplotlib"

To install numpy use "pip install numpy"

For Linux:

Open the terminal

Install python3 with "sudo apt-get install python3"

Install pip with "sudo apt-get install python3-pip"

To install matplotlib use "python -m pip install -U matplotlib"

To Install numpy use "python -m install numpy"

RUN PROGRAM:

To run the program, navigate to the directory /Assets/TSP/ and use "python3 TSP_main.py". You can switch between the three data sets with a command line argument, for example, "python3 TSP_main.py sahara" will run the program using the Sahara city data. This works with Sahara, Uruguay and Canada as arguments. Any unknown command defaults to Sahara.