

Installation Instructions

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Using a Virtual Environment

If you want to run this system using a virtual environment you can use the following steps at the command line:

- Go to the project directory
- Run the command: `python -m venv proj-1-env`
- Depending on the system:
 - On Unix/macOS run: `source proj-1-env/bin/activate`
 - On Windows run: `proj-1-env\Scripts\activate.bat`
- Finally, run: `pip install -r requirements.txt`

Not Using a Virtual Environment

If you don't care about using a virtual environment you can just install the packages for the program using: `pip install -r requirements.txt`

How to Run

After installing all the requirements and (potentially) creating a virtual environment, all that's left to do is to import `"ts_analysis_support.py"` at the top of your file. This file includes all of the components that build up this project (`tree.py`, `preprocessing.py`, `operatorkeys.py`, `modelingAndForecasting.py`, and `visualization.py`).

For Example Usage See demo.py