Steps to run the project on local machine

1. Clone/Download Git repo : <https://github.com/AbhilashaSingh/ArimaChart-Group-1.git>
2. For installing python follow steps below.
   1. Install python version 3.7 from <https://www.python.org/downloads/release/python-370/>
   2. Confirm python is working on your machine by typing python in command prompt.
   3. Navigate to RollingApi folder and install required packages using pip install <package> command.
   4. Run python API using command python rollingapi.py.
   5. Access API using <http://12.0.0.1:5000/series> get call.
3. Angular application is in ui folder.
4. Navigate to UI folder and run “npm i” to install required packages.
5. Make sure you have latest nodejs installed.
6. Run angular app using “npm start” command in integrated console.

System arch:

Mongo DB

Service Layer

Python REST API

UI Layer

Angular APP

Note: Mongo DB implementation is pending.

System flow:

1. Access application using <http://localhost:4200/upload>
2. Select data file to upload. (We used sample file which we created and checked in into git)
3. Post upload Arima summary and rolling average details with respective charts will be available on next view.