# Initial SET UP (Local Windows Machine)

1. Download the code and unzip the files.
2. Install Python and set up environment by running activate file in command prompt.
3. Use requirments.txt to install all packages inside the environment.
4. Download POSTGRESQL and PGADMIN from internet and install each in the system.
5. Set up the database and configure username and password. Use them in main.py for connecting to database and establish connection using PGADMIN.
6. Run the SQL Queries to create table and insert the rows. (**DB\_Query.docx** present in Document folder)
7. Machine Learning models have already been created by running generatemodel.py. One can recreate the models by running generatemodel.py again.
8. Run main.py and server should be running. One can test using the below URL <http://127.0.0.1:5000/books>.
9. Use postman tool and make API calls to test each operation. (**REST API Testing**.docx present in Documents folder.
10. Dataset folder contains an excel file that has list of all books with genre and rating which is used for generating ML model.