**Model Deployment Using Stream lit**

* In this article, we will first train the car fuel efficiency regression and then deploy the model using Stream lit which is an open-source app framework used to deploy ML models easily.
* After completion of training we save this model using pickle or joblib library.
* Save the python file[remember the current directory].
* More information can be found on their website – <https://www.streamlit.io/>
* So first we will train our model. We will not do much pre-processing as the main aim of this article is not to make an accurate ML model but to show its deployment.

Firstly we need some necessary libraries like as following –

* pip install pandas
* pip install numpy
* pip install sklearn
* pip install streamlit
* After installing the libraries create new python file in the same directory.
* In that new file import the libraries write and read the pickle or joblib file using variable.
* Finally write the stream lit related code on the same file and save it.
* Finally go the current directory using anaconda commend prompt type “streamlit streamlit\_file\_name.py”
* You will get the link for the streamlit on the commend prompt.
* The out put will be look like as show in below .

