**Main Python Script**

Let us build an app.py flask file which is a web framework written in python for server-side scripting. Let’s see step by step procedure for building the backend application.

In order to develop web API with respect to our model, we basically use the Flask framework which is written in python.

Line 1-9  We are importing necessary libraries like Flask to host our model request

Line 12 Initialise the Flask application

Line 13 Loading the model using pickle

Line 16 Routes the API URL

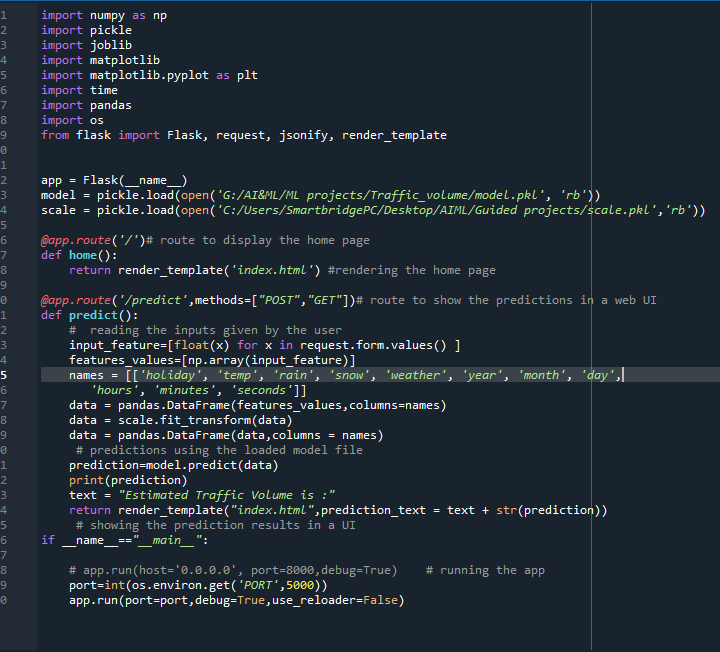
Line 18 Rendering the template. This helps to redirect to the home page. In this home page,we give our input and ask the model to predict

In line 23 we are taking the inputs from the form

Line 28 Feature Scaling the inputs

Line 31 Predicting the values given by the user

Line 32-35 if the output is false render no chance template If the output is True render chance template

Line 36 The value of \_\_name\_\_ is set to \_\_main\_\_ when the module run as the main   program otherwise it is set to the name of the module .  
  
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