We need to be able to load the serialised model (.pkl) that you’ve developed and run it on our web server. In the project, the \dudeWMB\dudeWMB.py file is the heart of our webserver. It’s the main program. It defines all the “endpoints” / entry points to our application. Each “endpoint” is one of the @route’s in this file.

Essentially we need to:

import pickle

import pandas as pd

import numpy as np

from sklearn.linear\_model import LinearRegression (or whatever model)

… at the top of the file

Then lower down in the file (near the bottom we need to add a new section for opening (updated to reference the name of our model etc.

# de-serialize model.pkl file into an object called model using pickle

with open('model.pkl', 'rb') as handle:

model = pickle.load(handle)

@route("/predict")

def predict(X\_test):

# now we can call various methods over model as as:

# Let X\_test be the feature for which we want to predict the output

result = model.predict(X\_test)

return jsonify(result)

This would basically work now if we had access to a data set – so suggestion is just key in an array for now to test it – any array of reasonable values.