## **Project Report**

Name: bmi flask app

Report Date: 26 March 2022

Internship Batch: LISUM07

Project by: Emre Yesilyurt

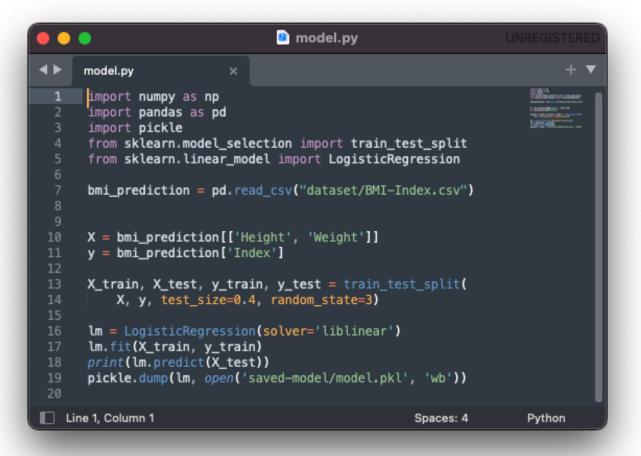
Data Intake Reviewer: Data Glacier

Data Storage Location: https://www.kaggle.com/datasets/yersever/500-person-gender-

height-weight-bodymassindex

Project Location: https://github.com/emreyesilyurt/flask\_demo\_app

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       app.py
        import numpy as np
        from flask import Flask, request, jsonify, render_template
       import pickle
       import sys
        import logging
        app = Flask(__name__,template_folder='template')
       model = pickle.load(open('model.pkl', 'rb'))
       @app.route('/')
        def home():
            return render_template('index.html')
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       @app.route('/predict',methods=["POST"])
       def predict():
             For rendering results on HTML GUI
            int_features = [int(x) for x in request.form.values()]
final_features = [np.array(int_features)]
prediction = model.predict(final_features)
            if prediction == 0:
    output = "Extremely Weak. Please go to a doctor to check."
             elif prediction == 1:
                 output = "Weak"
             elif prediction == 2:
                 output = "Normal"
             elif prediction == 3:
                 output = "Overweight"
             elif prediction == 4:
                 output = "Obesity. Please go to a doctor to check."
             elif prediction == 5:
             output = "Extreme Obesity. Please go to a doctor to check."
return render_template("index.html", prediction_text = output)
        if __name__ == "__main__":
    app.run( debug=True)
Line 20, Column 8
                                                                                       Spaces: 4
                                                                                                          Python
```



```
style.css

◀ ▶ style.css

   1 html { width: 100%; height:100%; overflow:hidden; }
            body {
  width: 100%;
  height:100%;
  font-family: 'Open Sans', sans-serif;
  background: #092756;
  calca: #ffff
                   color: #fff;
font-size: 18px;
                    text-align:center;
                   letter-spacing:1.2px;
background-color: #e09d00;
           }
.login {
    position: absolute;
    top: 40%;
    left: 50%;
    margin: -150px 0 0 -150px;
    width: 400px;
    height: 400px;
}
            .login h1 { color: #fff; text-shadow: 0 0 10px rgba(0,0,0,0.3); letter-spacing:1px; text-align:center; }
            input {
   width: 100%;
                   margin-bottom: 10px;
background: rgba(0,0,0,0.3);
border: none;
                   porder: none;
outline: none;
padding: 10px;
font-size: 13px;
color: #fff;
text-shadow: 1px 1px 1px rgba(0,0,0,0.3);
border: 1px solid rgba(0,0,0,0.3);
horder-sidius: 4px;
                  border: 1px solid rgba(0,0,0,0.3);
border-radius: 4px;
box-shadow: inset 0 -5px 45px rgba(100,100,100,0.2), 0 1px 1px rgba(255,255,255,0.2);
-webkit-transition: box-shadow .5s ease;
-moz-transition: box-shadow .5s ease;
-o-transition: box-shadow .5s ease;
-ms-transition: box-shadow .5s ease;
transition: box-shadow .5s ease;
            } input:focus { box-shadow: inset 0 -5px 45px rgba(100,100,0.4), 0 1px 1px rgba(255,255,255,0.2); }
Line 1, Column 1
                                                                                                                                                                                                           Tab Size: 4
```

## Body Mass Index (BMI) Prediction

Please Enter Your Height and Weight

