

Application Building

Build Python Code

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| Date | 15 November 2022 |
| Team ID | PNT2022TMID43812 |
| Project Name | AI-powered Nutrition Analyzer for Fitness Enthusiasts |

Importing Libraries

The first step is usually importing the libraries that will be needed in the program.

```
from flask import Flask,render_template,request
# Flask-It is our framework which we are going to use to run/serve our application.
#request-for accessing file which was uploaded by the user on our application.
import os
import numpy as np #used for numerical analysis
from tensorflow.keras.models import load_model#to load our trained model
from tensorflow.keras.preprocessing import image
import requests
```

Importing the flask module into the project is mandatory. An object of the Flask class is our WSGI application. Flask constructor takes the name of the current module (`__name__`) as an argument Pickle library to load the model file.