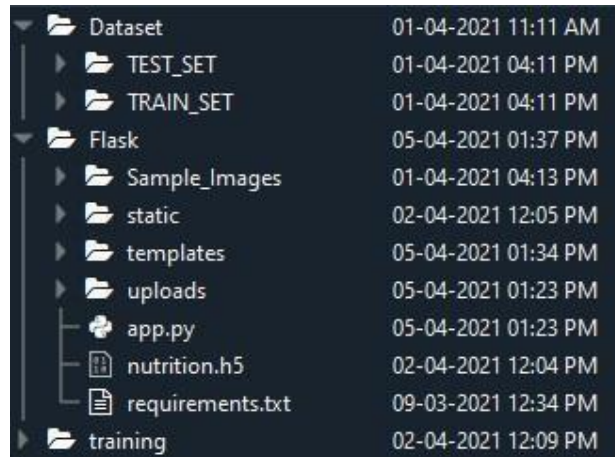


PNT2022TMID52332

AI-Powered Nutrition Analyzer For Fitness Enthusiasts

Project Structure

Create a Project folder that contains files as shown below



Dataset	01-04-2021 11:11 AM
└─ TEST_SET	01-04-2021 04:11 PM
└─ TRAIN_SET	01-04-2021 04:11 PM
Flask	05-04-2021 01:37 PM
└─ Sample_Images	01-04-2021 04:13 PM
└─ static	02-04-2021 12:05 PM
└─ templates	05-04-2021 01:34 PM
└─ uploads	05-04-2021 01:23 PM
└─ app.py	05-04-2021 01:23 PM
└─ nutrition.h5	02-04-2021 12:04 PM
└─ requirements.txt	09-03-2021 12:34 PM
training	02-04-2021 12:09 PM

- Dataset folder contains the training and testing images for training our model.
- We are building a Flask Application that needs HTML pages stored in the templates folder and a python script app.py for serverside scripting
- we need the model which is saved and the saved model in this content is a nutrition.h5
- templates folder contains home.html, image.html, imageprediction.html pages.
- Statis folder had the css and js files which are necessary for styling the htmlpage and for executing the actions.
- Uploads folder will have the uploaded images(which are already tested).
- Sample_images will have the images which are used to test or upload.
- Training folder contains the trained model file.