

Food-Classification-Calorie-Estimation and Volume-Estimation

[Food Classification](#)[Food Calorie Estimation](#)[Volume Estimation](#)

Proposed Future Works

Future work on Food Classification

Currently the Model is trained on food-101 Dataset, which has 100 classes, In the future iteration of the project we would like to train the model on UNIMIB Dataset with 256 Food Classes

Future work on Volume Estimation

The volume model has been trained on Apple AR Toolkit and thus can be executed only on Apple devices ie a iOS platform, In futur we would like to train the volume model such that it is Platform independent

Future work on Calorie Estimation

The Calorie Estimation currently relies on Nutritionix API , In Future Iteration we would like to build our own Custom Database of Major Food Product across New York Restaurent

Github

<https://github.com/Ali-Maq/Food-Classification-Volume-Estimation-and-Calorie-Estimation/blob/main/README.md>

Open for More! 

 Designed and built by Ali Under the Guidance of Professor Dennis Shasha

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