DATA COLLECTION
DOWNLOAD THE DATASET

Date	08 November 2022
Team ID	PNT2022TMID21516
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts

Problem Statement:

In the world of today, everything should be done in an instant, that is the trend the people follow nowadays. In this instant world providing nutrient-riched food is more challenging.

The main goal of the project is to create a model that will be used to categorize fruits according to their many attributes, such as color, shape, texture, and so on. Here, the user may take pictures of various fruits, and the pictures will subsequently be transmitted to the trained model. The algorithm examines the image and determines the nutritious content of several fruits, including (Sugar, Fibre, Protein, Calories, etc.)
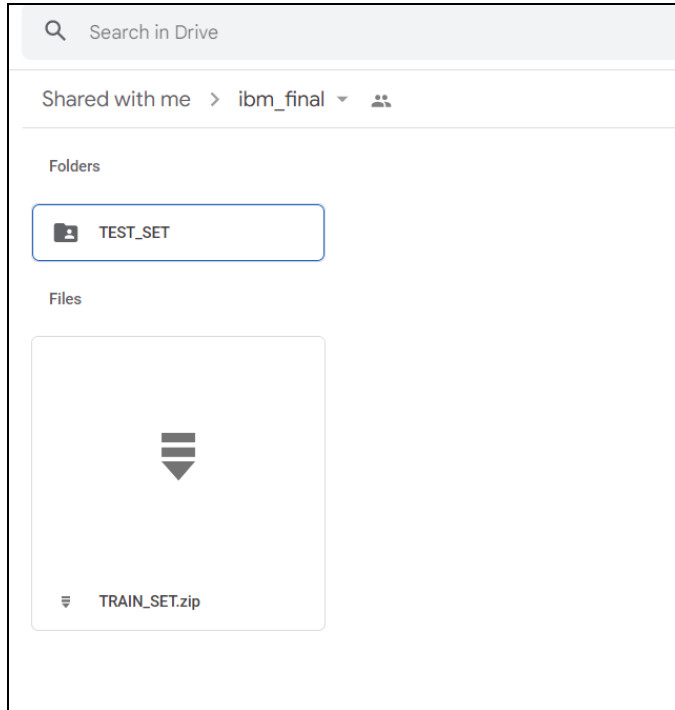
Dataset Description:

Make folders for the various food products that must be identified.
The five different varieties of food that we have gathered for this project are apples, bananas, oranges, pineapples, and watermelons. These photographs have been stored in the corresponding subdirectories under the corresponding titles.
We may gather high-resolution photographs and add more images to the model to get findings that are more accurate.
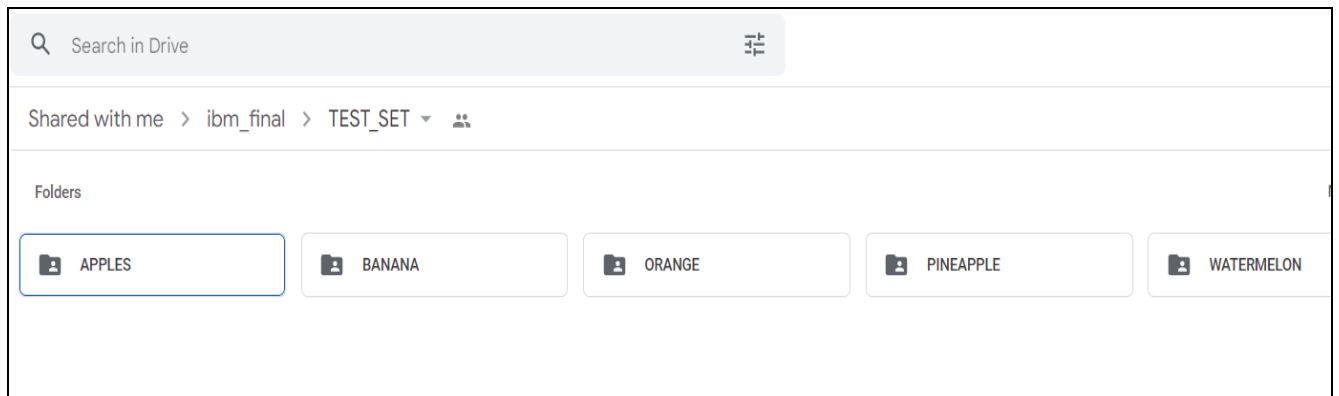
Dataset link:
https://drive.google.com/drive/folders/1hR0LZgkwTUjROD_z0VrKouNAXbnR2fsV?usp=sharing
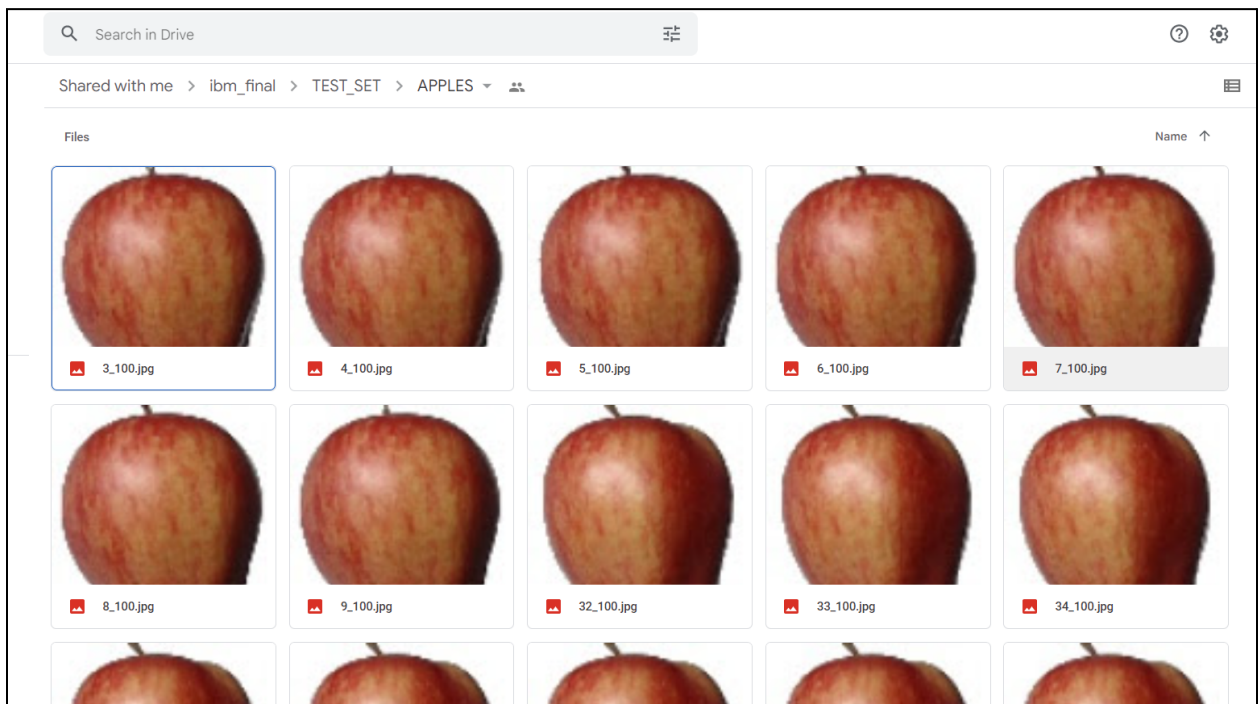
Dataset Screenshots:

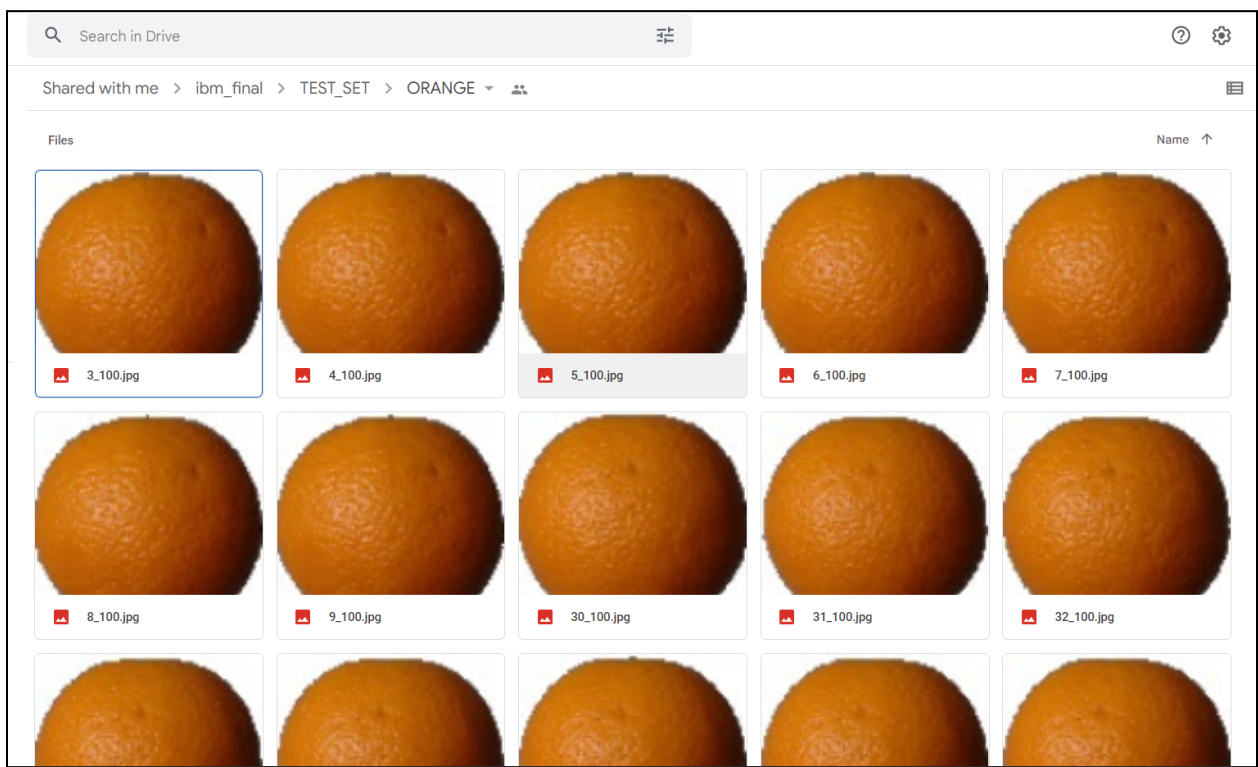**Drive Folder with both test and train datasets:**

Test dataset:

Apple's data folder:

Orange data folder:

Train dataset:

‹ TRAIN_SET 5 items

Name	Last modified	File size
📁 APPLES	-	3 MB
📁 BANANA	-	1 MB
📁 ORANGE	-	2 MB
📁 PINEAPPLE	-	4 MB
📁 WATERMELON	-	3 MB

‹ APPLES 606 items

Name	Last modified	File size
🖼 0_100.jpg	10 Jun 2020	5 KB
🖼 100_100.jpg	10 Jun 2020	5 KB
🖼 101_100.jpg	10 Jun 2020	5 KB
🖼 102_100.jpg	10 Jun 2020	5 KB
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