## **Model Building**

## **Test The Model**

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Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts

Evaluation is a process during the development of the model to check whether the model is the best fit for the given problem and corresponding data.

Load the saved model using load\_model

```
### Predicting our results

from tensorflow.keras.models import load_model
  from keras.preprocessing import image
  model = load_model("nutrition.h5") #loading the model for testing
```

Taking an image as input and checking the results

By using the model we are predicting the output for the given input image

```
index=['APPLES', 'BANANA', 'ORANGE', 'PINEAPPLE', 'WATERMELON']
result=str(index[pred[0]])
result
'PINEAPPLE'
```

The predicted class index name will be printed here.