



[15]

```
... Found 90 files belonging to 6 classes.
    Using 72 files for training.
    Found 90 files belonging to 6 classes.
    Using 18 files for validation.
```

Implement a CNN

[17]

```
... Found 30 files belonging to 6 classes.
1/1 ----- 5s 5s/step - accuracy: 0.5333 - loss: 1.1082
Test Accuracy: 0.5333, Test Loss: 1.1082
```

1/1 ————— 0s 190ms/step

Classification Report:

|              | precision | recall | f1-score | support |
|--------------|-----------|--------|----------|---------|
| acai         | 0.75      | 0.60   | 0.67     | 5       |
| cupuacu      | 0.33      | 0.80   | 0.47     | 5       |
| graviola     | 0.75      | 0.60   | 0.67     | 5       |
| guarana      | 0.60      | 0.60   | 0.60     | 5       |
| pupunha      | 0.60      | 0.60   | 0.60     | 5       |
| tucuma       | 0.00      | 0.00   | 0.00     | 5       |
| accuracy     |           |        | 0.53     | 30      |
| macro avg    | 0.51      | 0.53   | 0.50     | 30      |
| weighted avg | 0.51      | 0.53   | 0.50     | 30      |