

Model Performance Test

Smart Sorting: Transfer Learning for Identifying Rotten Fruits and Vegetables

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Model Performance Testing:

Project team shall fill the following information in model performance testing template.

| S.No. | Parameter | Values | Screenshot |
|-------|-------------------------------|--|--|
| • | Model Summary | - | The Smart Sorting model uses transfer learning with convolutional neural networks to classify fruits and vegetables as fresh or rotten. It leverages pre-trained models (e.g., MobileNet, ResNet) for efficient and accurate feature extraction. This approach significantly improves sorting speed and accuracy, reducing manual labor and produce waste |
| • | Accuracy | Training Accuracy - Validation Accuracy - | Accuracy: 0.7812 - loss: 1.0130 |
| 3. | Fine Tunning Result(if Done) | Validation Accuracy - | 0.7812 |