SELECTED - 2
DISCUSSION
PRESENTATION

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RESEARCH PAPER

The model proposed in the paper has an architecture of two traditional CNN layers, followed by four blocks of parallel CNN layers; each block has four layers, and finally one average pooling, two dropout, and three fully connected layers. Each CNN layer is followed by rectified linear unit and batch normalization.

RESEARCH PAPER

The model achieved an accuracy of 100% on a divided set from the training set and achieved an accuracy of 99.6% on the testing set.

DATASET USED

Name Fruits and Vegetables

Image Recognition

Dataset

Content 36 Classes of fruits

and vegetables

Folders Traint, Test,

Validation.

OUR MODEL

Samples 3115(Training),

351(Validation), 359(Test)

Parameters 6,621,660

Total Layers 74

Learning 0.001

Rate

Epochs 100

RESULTS

Training Acuuracy

88%

Validation Accuracy 89%

Testing Accuracy

89%

TRAINING AND VALIDATION



CONFUSION MATRIX

