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)c

**Parameters** 6,621,660

Total Layers 74

Learning 0.001

Rate

Epochs 100

## RESULTS

Training
Acuuracy

88%

Validation Accuracy 89%

Testing Accuracy

89%

http://ishk.com/HumanJourney/FirstTechnologies

# TRAINING AND VALIDATION



## CONFUSION MATRIX

