Edge Intelligence

Lab 5

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Edge Impulse :-

1.Create account in edge impulse

2.go to data acquisition .

3.Choose connect data option.

4.scan qr using phone.

5. Select Label data before clicking a photo.

6. Split the clicked photos into train and test data

Data Samples :-

Training and Testing :-

Image – Generating Features :-

Classifier - Training Output :-
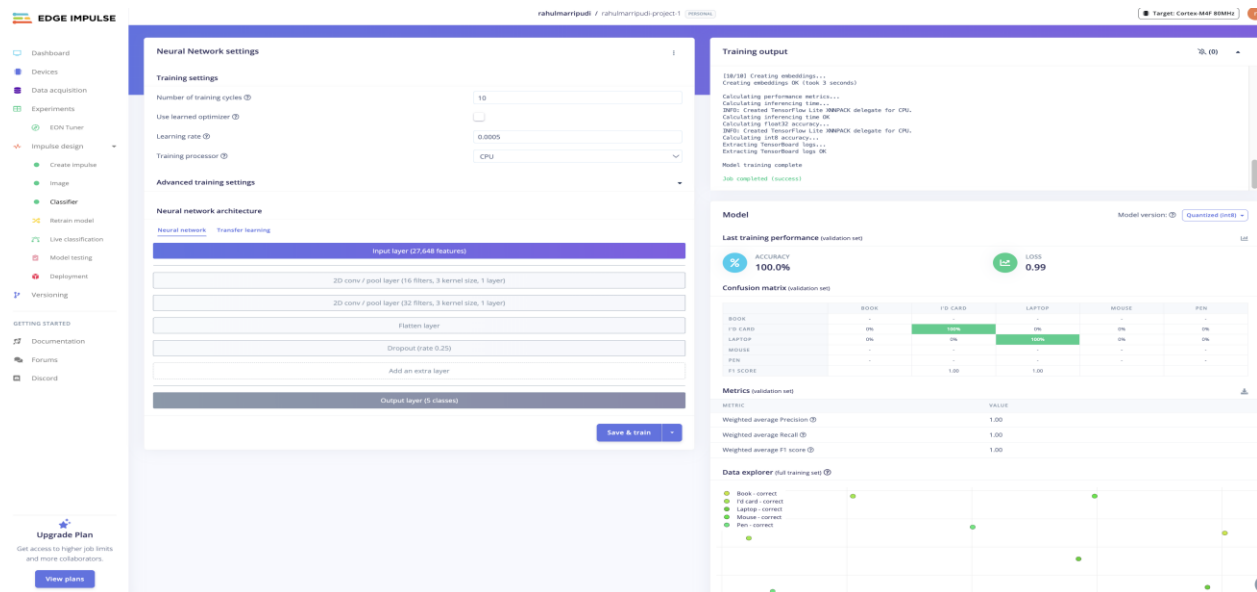
Model Testing Output :-
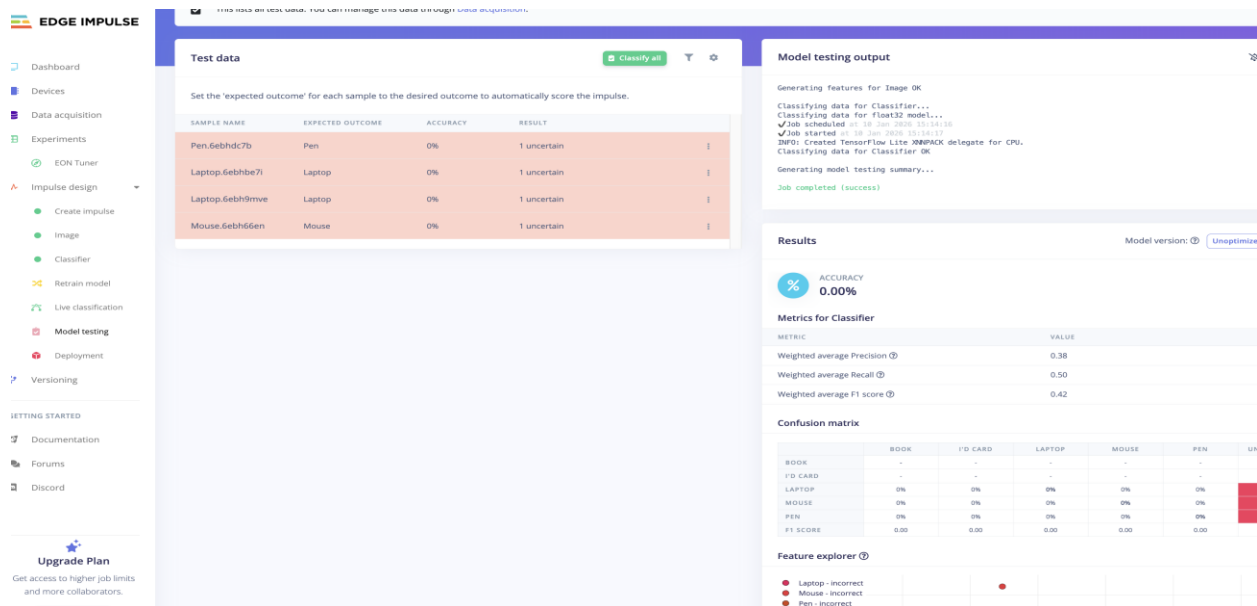
Result: The model achieved **100% accuracy on the training data**, but **0% accuracy on the testing data**, indicating **severe overfitting**. This occurred because the dataset contains **many labels but very limited data samples**, preventing the model from generalizing well to unseen data.