1. What is the percentage of correct calculation of both (Apple and Orange) in the total input Of the test set?

2. What is the Overall Performance of the model?

3. What is the percentage of correct calculation of Apple to the total input of the Apple in the test set? Or

What is the percentage of correct calculation of Orange to the total input of the Orange in the test set?

6 43

Total Orange in the test set

4. What is the percentage of correct classification of Apple to the sum of correctly classified a (Apple) and wrongly classified as (Apple) in the test set ? Or

---- = 0.88

49

What is the percentage of correct classification of orange to the sum of correctly classified a (orange) and wrongly classified as (Orange) in the test set?

T(Apple)	78
	= 0.93
Total Apple+False Orange	78+6
T(Orange)	43
	= 0.86
Total Orange + False Apple	43+7

5. What if the Recall value is high and Precision value is low How will you validate your model Perfomance?

F1 Measure

What is the overall performance of Apple? What is the overall performance of Orange?

6. Macro Average = Average of Precision, Recall, F1- Measure Precision of Apple + Precision of Orange 0.93 + 0.86 2 2 Recall of Apple + Recall of Orange 0.92 + 0.93 -----= 0.90 2

7. Weighted Average

Precision

What is the sum product of proportion rate (Weight) of each class?

Precision (Apple) * 85/134 + Precision (Orange) * 49/134

Recall

What is the sum product of proportion rate (Weight) of each class ?

Recall (Apple) * 85/134 + Recall (Orange) * 49/134

F1 Measure

What is the sum product of proportion rate (Weight) of each class ? F1(Apple) * 85/134 + F1 (Orange) * 49/134