

## RF Classification

1. What is the percentage of overall true prediction? – 93 (precision)
2. What is the percentage of correct true prediction? – 92 (sensitivity)
3. What is the percentage of overall false prediction? – 93 ( negative predictive value)
4. What is the percentage of correct false prediction? – 92 (specificity)
5. What is the accuracy? – **90**
6. What is F1 score of true prediction? – 90
7. What is F1 score of false prediction? – 90

## DT Classification

1. What is the percentage of overall true prediction? – 90 (precision)
2. What is the percentage of correct true prediction? – 89 (sensitivity)
3. What is the percentage of overall false prediction? – 82 ( negative predictive value)
4. What is the percentage of correct false prediction? – 84 (specificity)
5. What is the accuracy? – 87
6. What is F1 score of true prediction? – 90
7. What is F1 score of false prediction? – 83

## SVM Classification

1. What is the percentage of overall true prediction? – 76 (precision)
2. What is the percentage of correct true prediction? – 96 (sensitivity)
3. What is the percentage of overall false prediction? – 88 ( negative predictive value)
4. What is the percentage of correct false prediction? – 47 (specificity)
5. What is the accuracy? – 78
6. What is F1 score of true prediction? – 85
7. What is F1 score of false prediction? – 61

## LR Classification

1. What is the percentage of overall true prediction? – 90 (precision)
2. What is the percentage of correct true prediction? – 93 (sensitivity)
3. What is the percentage of overall false prediction? – 87 ( negative predictive value)
4. What is the percentage of correct false prediction? – 82 (specificity)
5. What is the accuracy? – 89

6. What is F1 score of true prediction? – 91
7. What is F1 score of false prediction? – 84

#### KNN Classification

1. What is the percentage of overall true prediction? – 83 (precision)
2. What is the percentage of correct true prediction? – 93 (sensitivity)
3. What is the percentage of overall false prediction? – 85 ( negative predictive value)
4. What is the percentage of correct false prediction? – 67 (specificity)
5. What is the accuracy? – 84
6. What is F1 score of true prediction? – 88
7. What is F1 score of false prediction? – 75

#### GaussianNB Classification

1. What is the percentage of overall true prediction? – 91 (precision)
2. What is the percentage of correct true prediction? – 94 (sensitivity)
3. What is the percentage of overall false prediction? – 89 ( negative predictive value)
4. What is the percentage of correct false prediction? – 84 (specificity)
5. What is the accuracy? – 90
6. What is F1 score of true prediction? – 92
7. What is F1 score of false prediction? – 86

#### MultinomialNB Classification

1. What is the percentage of overall true prediction? – 63 (precision)
2. What is the percentage of correct true prediction? – 100 (sensitivity)
3. What is the percentage of overall false prediction? – 0 ( negative predictive value)
4. What is the percentage of correct false prediction? – 0 (specificity)
5. What is the accuracy? – 63
6. What is F1 score of true prediction? – 78
7. What is F1 score of false prediction? – 0

#### BernoulliNB Classification

1. What is the percentage of overall true prediction? – 63 (precision)

2. What is the percentage of correct true prediction? – 100 (sensitivity)
3. What is the percentage of overall false prediction? – 0 ( negative predictive value)
4. What is the percentage of correct false prediction? – 0 (specificity)
5. What is the accuracy? – 63
6. What is F1 score of true prediction? – 78
7. What is F1 score of false prediction? – 0

#### CategoricalNB Classification

1. What is the percentage of overall true prediction? – 82 (precision)
2. What is the percentage of correct true prediction? – 96 (sensitivity)
3. What is the percentage of overall false prediction? – 91 ( negative predictive value)
4. What is the percentage of correct false prediction? – 63 (specificity)
5. What is the accuracy? – 83
6. What is F1 score of true prediction? – 89
7. What is F1 score of false prediction? – 75

#### ComplementNB Classification

1. What is the percentage of overall true prediction? – 67 (precision)
2. What is the percentage of correct true prediction? – 47 (sensitivity)
3. What is the percentage of overall false prediction? – 39 ( negative predictive value)
4. What is the percentage of correct false prediction? – 59 (specificity)
5. What is the accuracy? – 51
6. What is F1 score of true prediction? – 55
7. What is F1 score of false prediction? – 47