CLASSIFICATION EVALUATION METRICS VALUES FOR EACH ALGORITHMS:

EVALUATION METRICS:

→what is the correct purchased value of the total input value of purchasing values? (RECALL)

→WHAT IS THE CORRECT PURCAHSED VALUE OF THE TOTAL CORRECT AND WRONG PURCHASED VLAUES? (PRECISION)

→WHAT IS THE OVERALL PERFORMANCE OF BOTH PURCHASE AND NOT PURCHASED VALUES? (ACCURACY)

→WHAT IS THE OVERALL PERFORMANCE OF EACH OF THE VALUES? (F1-MEASURE)

→FIND THE AVERAGE FOR EACH OF THE METRICS FOR THE VALUES? (AVERAGE)

→WHAT IS THE SUM OF THE PRODUCT OF THE PROPORTION BOTH VALUES? (WEIGHTED)

S.NO	WHAT IS THE CORRECT PURCHASE VALUE OF TOTAL INPUT VLAUES? (RECALL)	WHAT IS CORRECT PURCHASE VALUE FOR TOTAL INPUT CORRECT AND WRONG VALUES? (PRECISION)	WHAT IS OVERALL PERFORMANCE OF BOTH PURCHASE AND NOT PURCHASED VALUES? (ACCURACY)	WHAT IS THE OVERALL PERFORMANCE OF EACH OF THE VALUES? (F1-MEASURE)	FIND THE AVERAGE FOR EACH OF THE METRICS FOR THE VALUES? (AVERAGE) 1)recall 2)precision 3)f1-score	WHAT IS THE SUM OF THE PRODUCT OF THE PROPORTION BOTH VALUES? (WEIGHTED) 1)recall 2)precision 3)f1-score
1) RANDOM FOREST	0.91	0.83	**0.93**	0.87	1)0.90 2)0.92 3)0.91	1)0.93 2)0.93 3)0.93
2) DECISION TREE	0.85	0.84	0.89	0.85	1)0.88 2)0.88 3)0.88	1)0.89 2)0.89 3)0.89
3) SVM	0.47	0.88	0.78	0.61	1)0.82 2)0.72 3)0.73	1)0.81 2)0.78 3)0.76