

Name of data set	No of features(columns)	No of rows	data split percentage	name of algorithm	model evaluation
car sales		15	158 70% training data 30% test data	ARIMA	Mean absolute error:0.19310 Root mean squared error:0.23411 R squared:0.99981 Symmetric mean absolute percentage error:0.29160
car sales		15	130 68% training data 32 % test data	ARIMA	Mean absolute error:0.20185 Root mean squared error:0.25113 R squared:0.99988 Symmetric mean absolute percentage error:0.24130
car sales	14(pop( horse power))		130 68% training data 32 % test data	ARIMA	Mean absolute error:3.30243 Root mean squared error:5.06289 R squared:0.94983 Symmetric mean absolute percentage error:3.95292
car sales	14(pop(horse power)		158 70% training data 30% test data	ARIMA	Mean absolute error:5.70027 Root mean squared error:6.96427 R squared:0.83197 Symmetric mean absolute percentage error:8.50793
Health Care	12	5111	68% training data 32% test data	Ensembler	Mean absolute error: 9.76649, Root mean squared error: 9.7664931, Symmetric mean absolute percentage error: 1.953298
Health Care	12	4600	76% training data 24% test data	Ensembler	Mean absolute error: 5.030698, Root mean square error: 5.03069803, Symmetric mean absolute percentage error: 1.006139
Health Care	11 ( pop ( age ) )	5111	68% training data 32% test data	Ensembler	Mean absolute error: 9.76649, Root mean square error: 9.7664931, Symmetric mean absolute percentage error: 1.9532986
Health Care	8 ( pop ( age,work type,id, bmi) )	5111	68% training data 32% test data	Ensembler	Mean absolute error: 9.76649, Root mean square error: 9.76649, Symmetric mean absolute percentage error: 1.95329
Premier Leauge		6	4561 77% Training Data	ARIMA	Root Absolute Error - 0.94865 , Root Mean Squared Error - 1.22903 , R Squared - (-0.08714) , Symmetric Mean Absolute Percentage Error - 78.37856
Premier Leauge		6	3999 80% Training Data	ARIMA	Root Absolute Error - 1.16143 , Root Mean Squared Error - 1.38073 , R Squared - (-0.09146) , Symmetric Mean Absolute Percentage Error - 75.35966
Premier Leauge		5	3999 80% Training Data	ARIMA	Root Absolute Error - 1.11900 , Root Mean Squared Error - 1.35308 , R Squared - (-0.05445) , Symmetric Mean Absolute Percentage Error - 73.13497
Personal Loan		15	5001 10% Training Data	Random Forest	Mean Absolute Error - 0.05086 , Root Mean Squared Error - 0.05517 , R Squared - 0.93592 , Symmetric Mean Absolute Percentage Error - N/A
Personal Loan		15	4001 80%Training Data	Random Forest	Mean Absolute Error - 0.13586 , Root Mean Squared Error - 0.22563 , R Squared -0.68183 , Symmetric Mean Absolute Percentage Error - 171.45034