

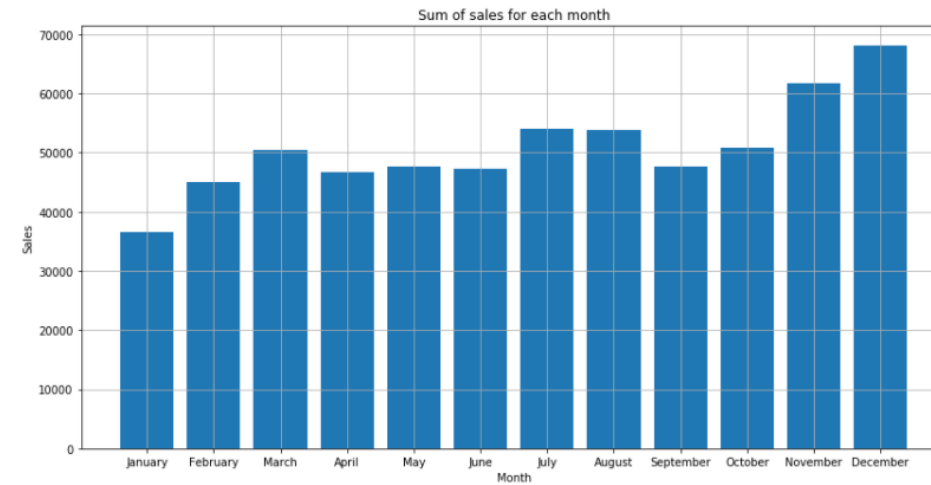
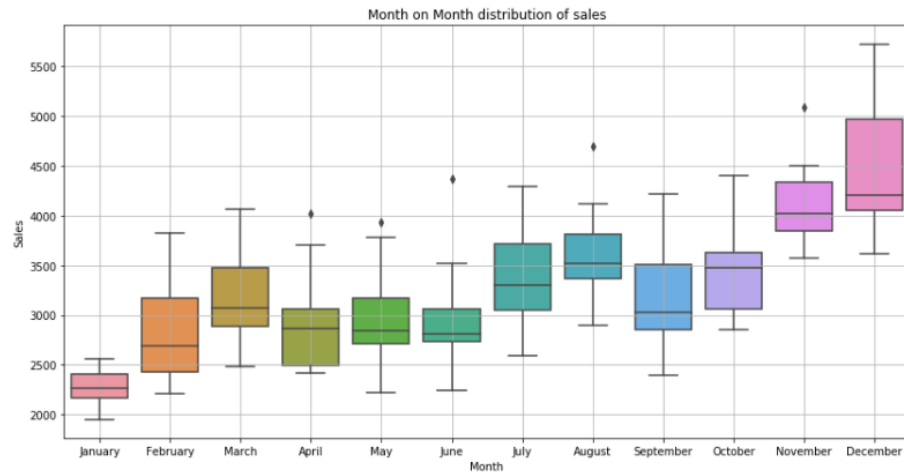


GRP 1 Srishti

EXTENSION PROJECT

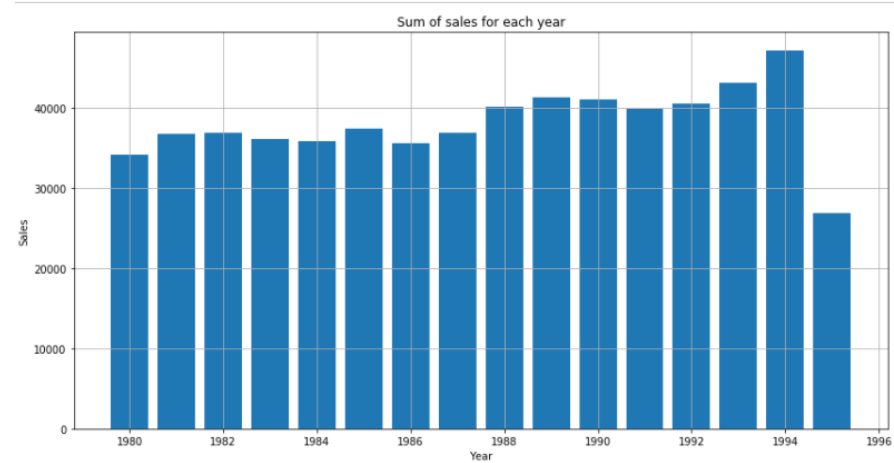
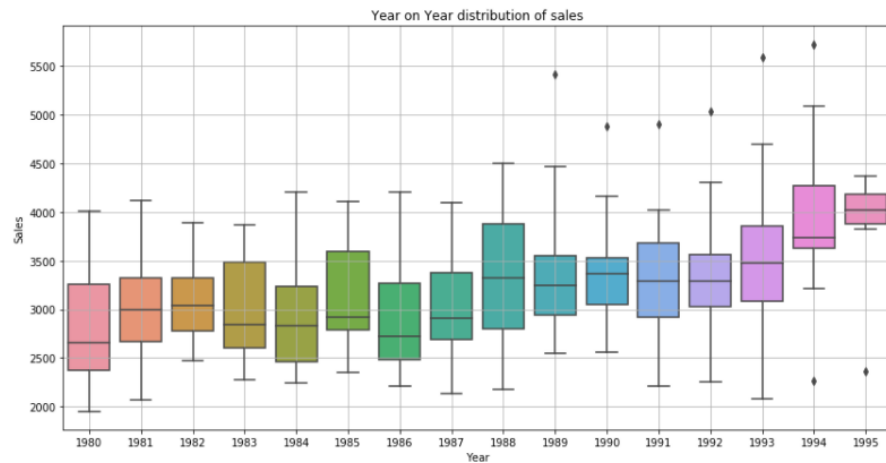
SHOE- SALES PROJECT

MONTH PLOT



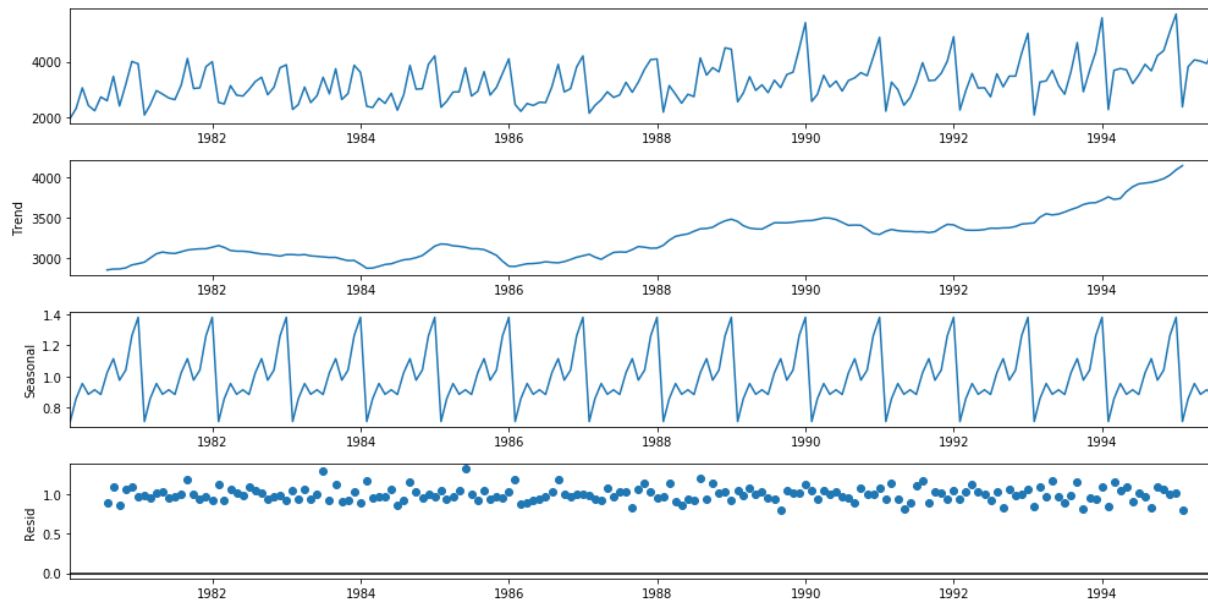
Month wise report shows that the Sales in the month of December is highest followed by November, August and July

YEAR PLOT



The sales distribution shows that the sales in the year 1994

Decomposition



We can still observe a slight pattern in the residual i.e. the systemic components are still present in the residual.

Model Evaluations

	Test RMSE
RegressionOnTime	3202.844447
NaiveBayesForecast	1519.259233
NaiveBayesForecast	1519.259233
2pointTrailingMovingAverage	556.725418
TripleExponentialSmoothing (alpha=0.11, beta=0.03, gamma=0.49, autofit, additive)	444.176313
TripleExponentialSmoothing (alpha=0.11, beta=0.06, gamma=0.39, autofit, multiplicative)	466.822178
ARIMA((1,1,1), autofit)	788.874244
ARIMA((3,1,2), box-jenkin)	784.734525
SARIMA((3, 1, 3) (1, 1, 3, 6), autofit, F=6, by AIC)	440.880836
SARIMA((3, 1, 3) (2, 1, 0, 6), autofit, F=6, by RMSE)	521.927407