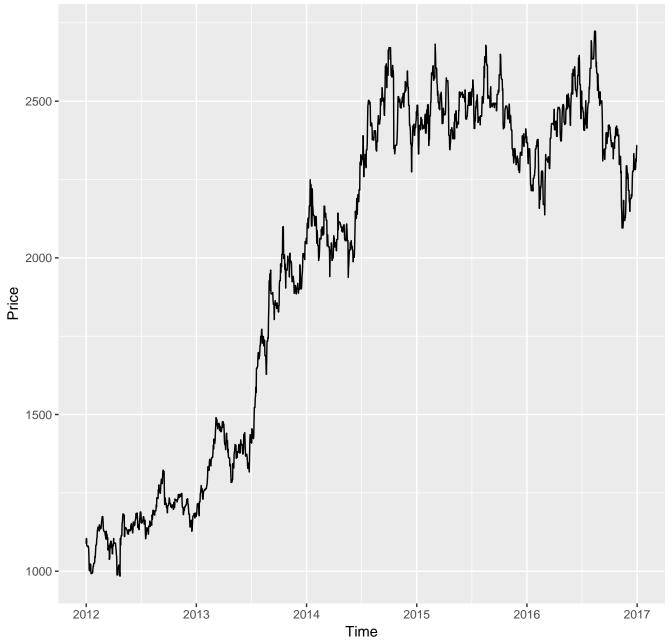
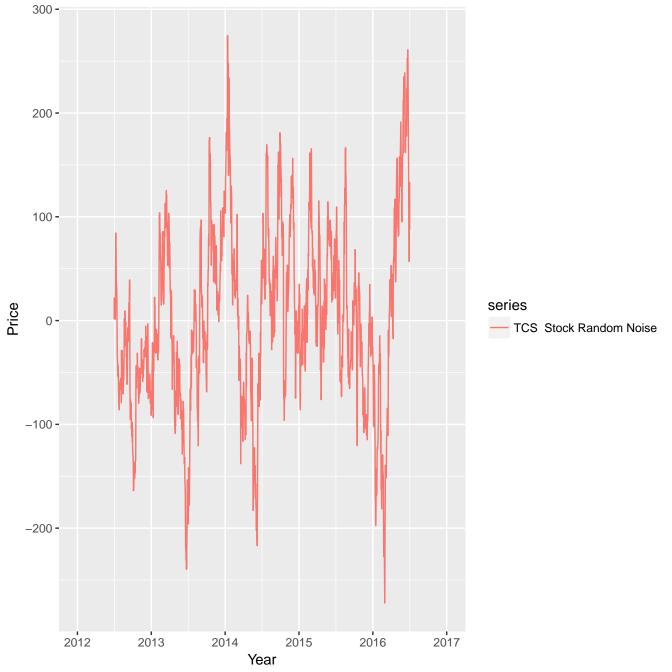
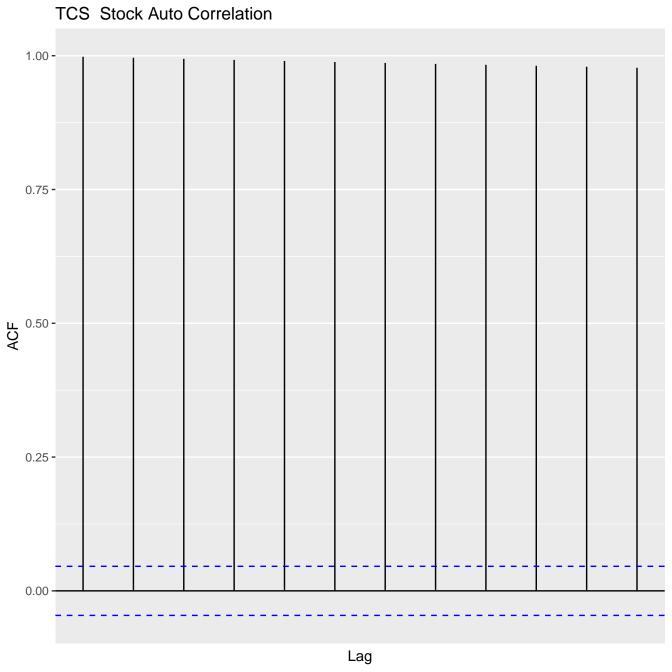
Last 5 Year TCS Stock Price history

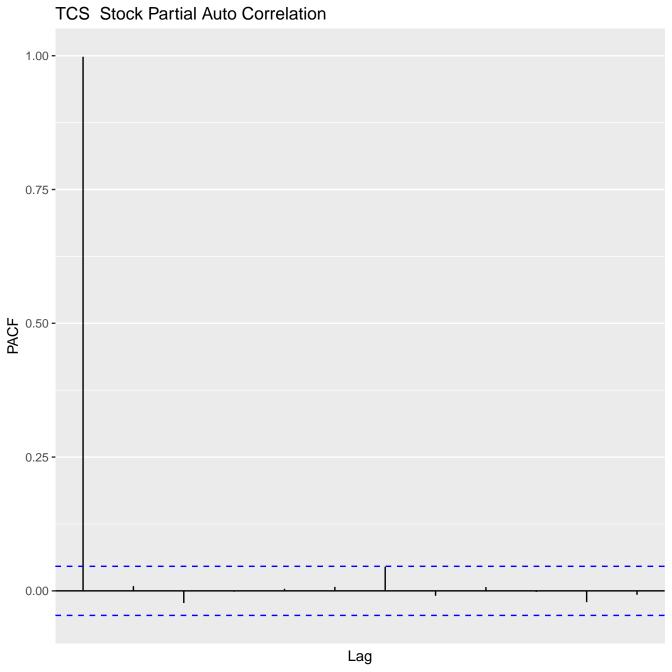


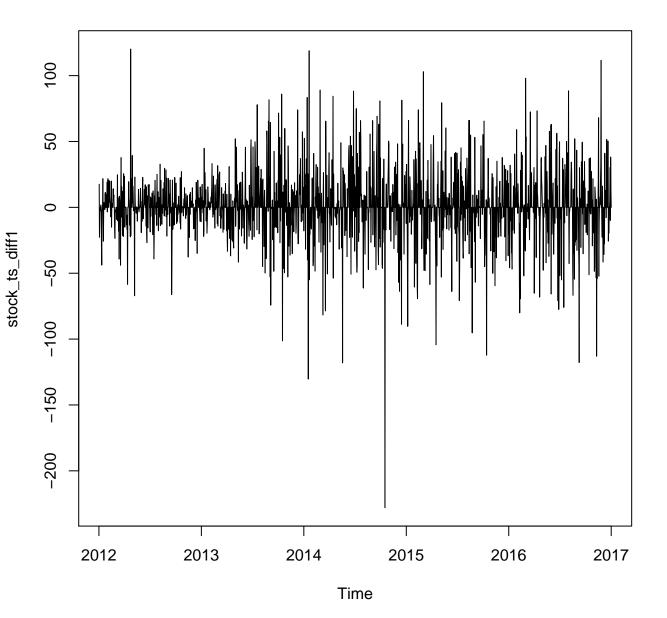
TCS Stock Trend 2500 -2000 -1500 -2012 2013 2014 2016 2015 2017 Time

TCS Stock Seasonal 100 -Price 0 --100 **-**2014 2012 2013 2015 2016 2017 Time

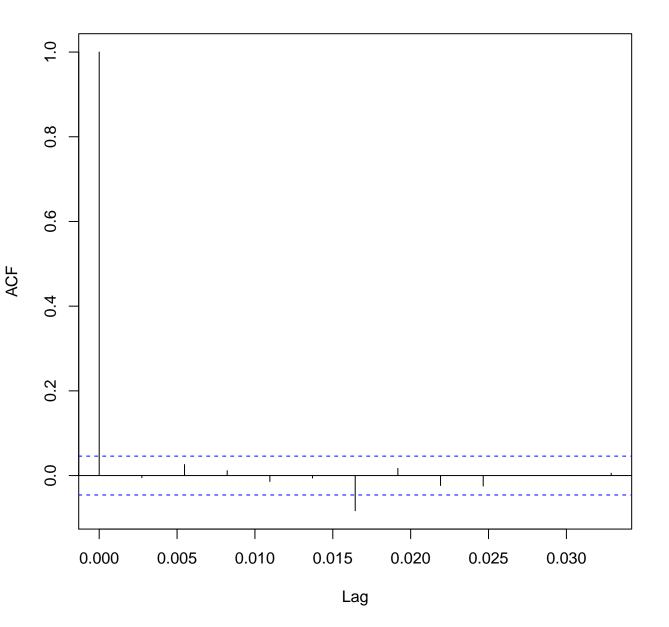




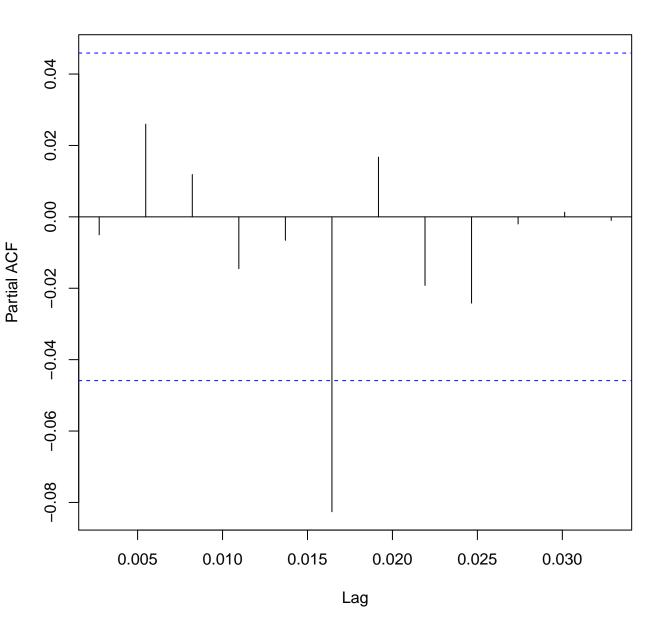




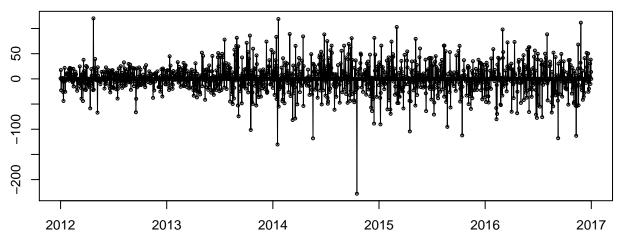
Series stock_ts_diff1

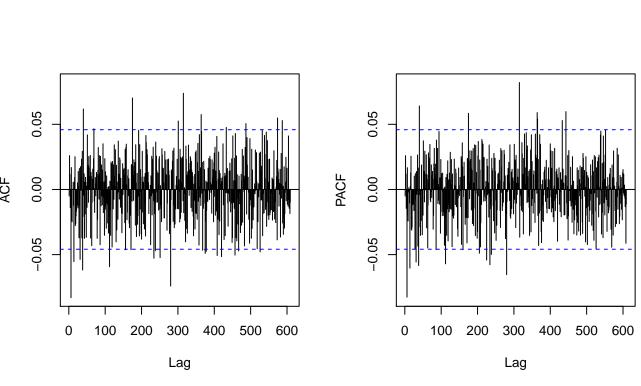


Series stock_ts_diff1

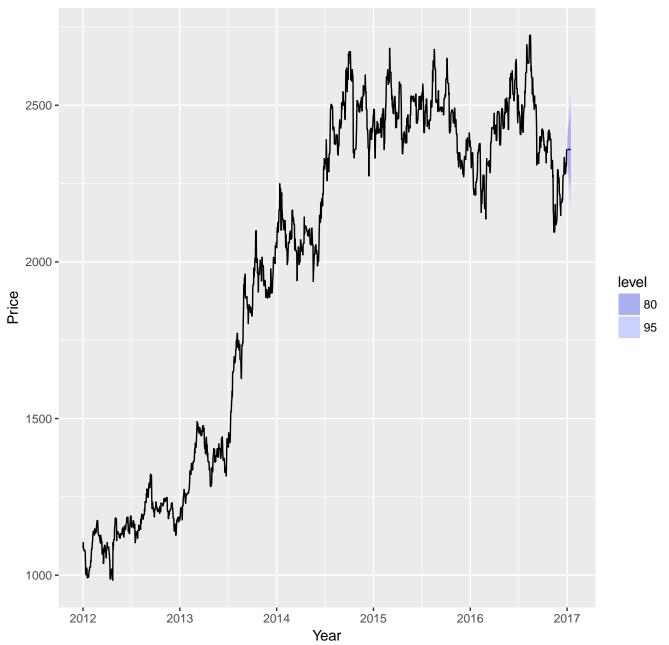


residuals(arima_model)

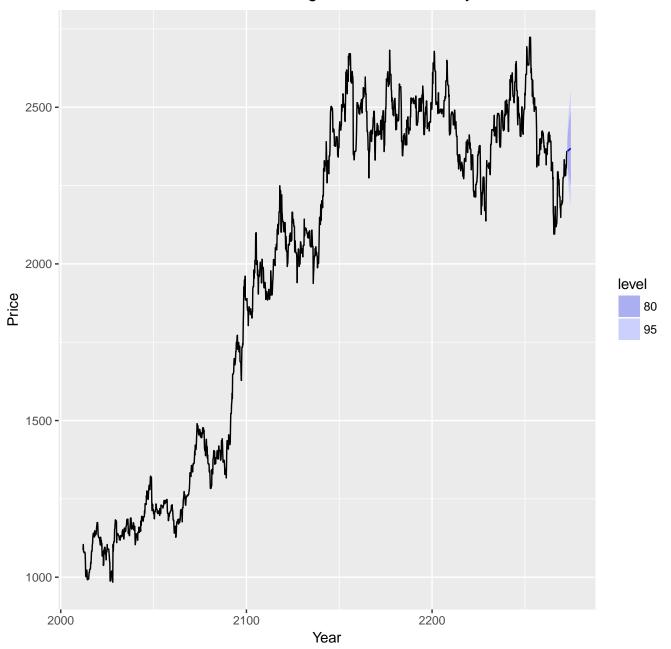




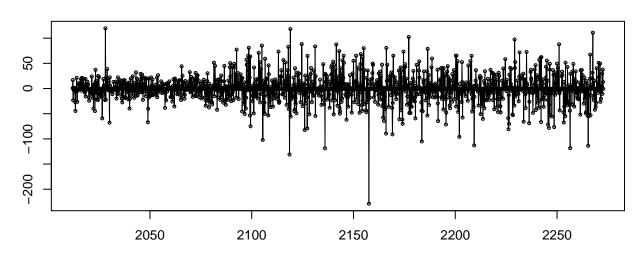
TCS Stock Price Forecasts using Arima 14 days

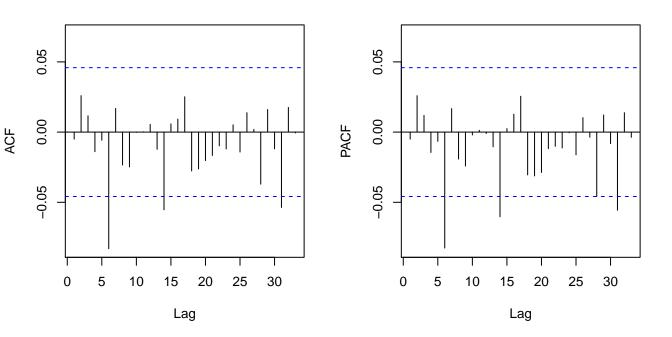


TCS Stock Price Forecasts using Auto Arima 14 days



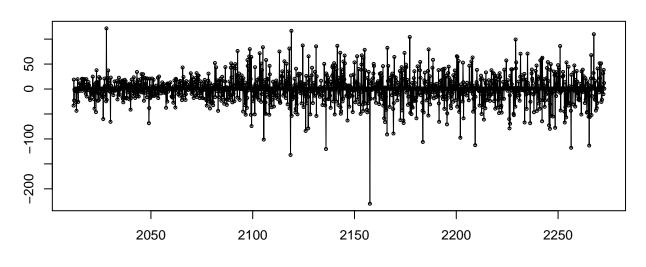
residuals(auto_arima_model)

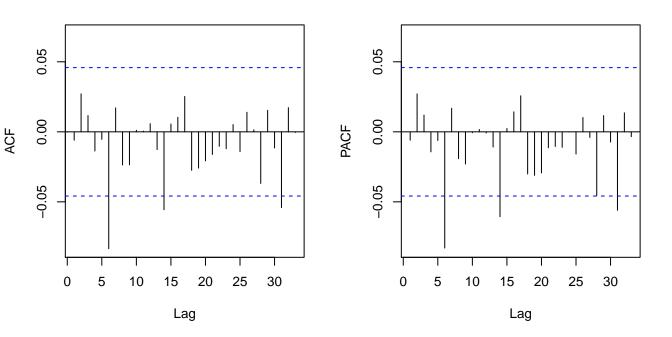




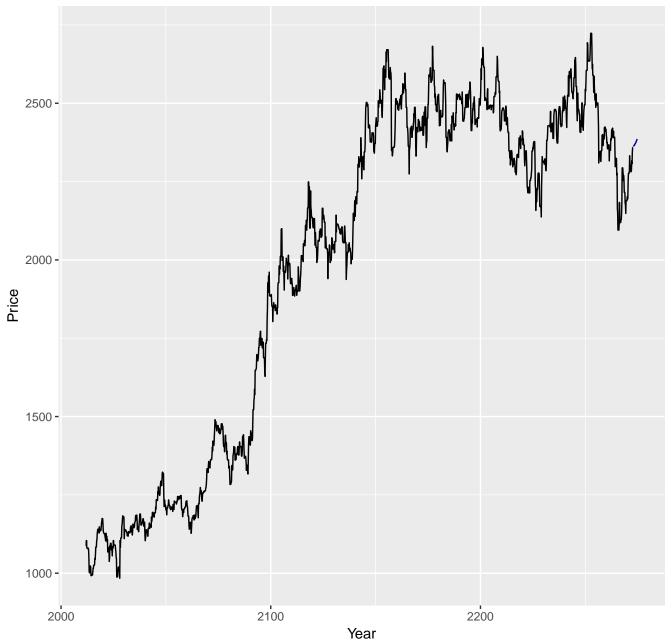
TCS Stock Price Forecasts using Holt-Winter 14 days 2500 -2000 level 80 95 1500 -1000 -2000 2100 2200 Year

residuals(hw_mdl)





TCS Stock Price Forecasts using Neural Network 14 days



residuals(nnet_model)

