

LIST OF FIGURES

Figure 1.1 LQ45 Index Price.....	3
Figure 2.1 Conceptual Framework of Forecasting LQ45 Index Price using Macroeconomic Variables	29
Figure 3.1 Model of The Structure of An Artificial Neural Network.....	32
Figure 3.2 LSTM Construction for Stock Price Prediction	37
Figure 4.1 Plotting Dataset using Histogram	42
Figure 4.2 Plotting Dataset using Boxplot	43
Figure 4.3 Correlation Between Variables using Heatmap.....	44
Figure 4.4 Stock Returns for The LQ45 Index for The Closing Years 2010-2019	46
Figure 4.5 LSTM Sequence	47
Figure 4.6 Graph of Comparison of Actual and Predicted Data	49
Figure 4.7 Graph of Predicted Data	50