Saudi Arabia Exchange Prediction Using Time Series Analysis Techniques

Mrwan Alhandi June 18 2023 s3969393



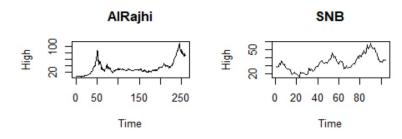
Data Description

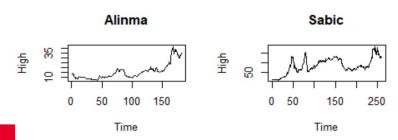
Most Active By Value

Company	Close Price (SAR)	YTD % Change	Value Traded (SAR)
ALRAJHI	75.20	-15.17 %	137,009,881,282.90
SAUDI ARAMCO	32.10	-1.41 %	72,691,374,698.30
ALINMA	32.55	35.85 %	67,402,651,489.99
SABIC	89.40	-22.93 %	66,671,429,320.00
SNB	50.50	-21.58 %	65,502,992,903.10



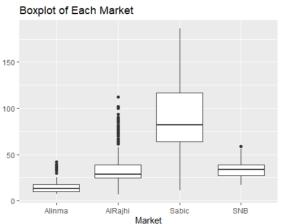
- Market Structure
- Data background
- Range of Data



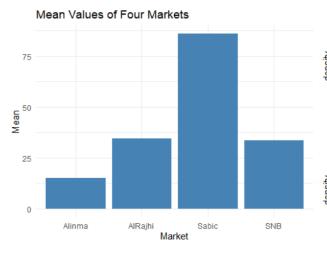


Visual Analysis

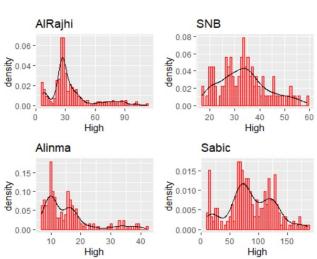




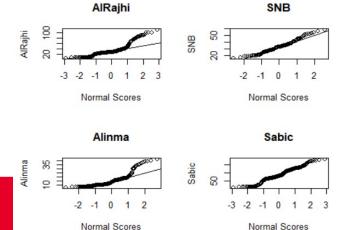
Visualisation 2:



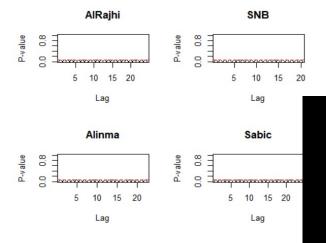
Visualisation 3:



Visualisation 4:

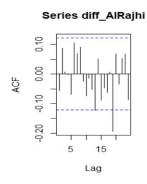


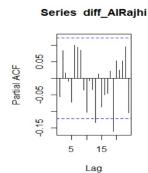
Visualisation 5:



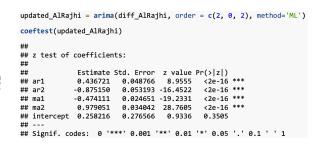
Model Specification

Model Decision 1

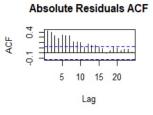


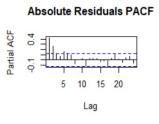


Model Decision 2

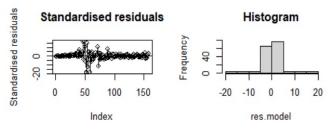


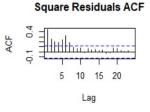
Model Decision 3

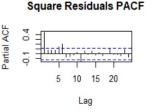


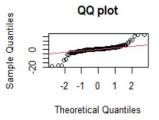


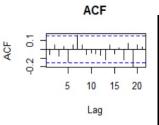
Model Decision 4





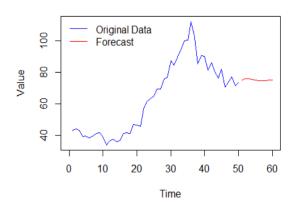




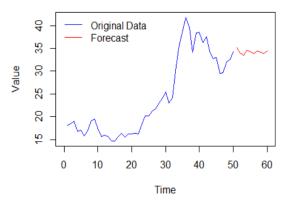


Conclusion

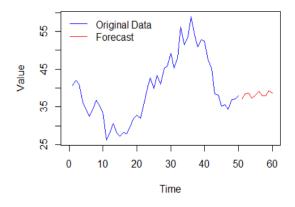
AlRajhi Time Series and Forecasts



Alinma Time Series and Forecasts



SNB Time Series and Forecasts



Sabic Time Series and Forecasts

