

# SUMMARY

A study of prices of wheat and rice in four providences of Pakistan has been carried out in this thesis in order to obtain a suitable prediction model for them. Data for this study has been obtained from "fifty years of Pakistan in statistics and economic survey of Pakistan, 2004.

A summary of this thesis is given below.

Firstly, an overview of agriculture production, and wheat and rice in Pakistan has been given. The review of literature about the problem and about the technique has used for the analysis of data. A brief description of the technique has been given in order to have some idea about the complexity of the problem and its analysis. In the 4<sup>th</sup> chapter the analysis and interpretation has been given. The results for stationary test obtained from this analysis. Autocorrelation and Partial autocorrelation function have been obtained to fit appropriate models. The ARIMA models are fitted. And at the end panel model is also obtained. At the end of this chapter the complete syntax is given which is used to obtain the ARIMA models and plot the graphs. Interpretations are given with each result.