

# **DATA PREDICTION ON SALES OF WHEAT FLOUR IN NORTHERN SRI LANKA**

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Analyzing Big data has become one interesting area for research in the recent history. Big data analysis reveals many interesting inherent properties of data and generates further knowledge in the behavior of people and their behavioral patterns. Such revealed properties can be further utilized for predicting future trends and that helps interested parties to prepare themselves for the future demands. In this project were analyzed data collected from the four districts of Northern Province in Sri Lanka and have applied statistical methods in predicting the future trends of the data. Exponential Smoothing statistical method was applied to forecast future trends in the consumption of wheat flour and was able to predict future trends with much accurate. It is envision that this system can be better utilized by anyone for their daily use in collecting, storing and forecasting trends in data for any food item.

Key words: statistical modeling, data prediction