**MIS171- Assignment 2-T2 2021**

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**Introduction:**  The purpose of this report is to give a proper clear information about one of Australia;s current leading market chains. The purpose of this report is to summarize and analyse the survey that was conducted three months ago by Erica on the average sales, different operating levels, the proportion of stores in different states and the maximum or minimum profits made by the stores. The types of analysis will be summary statistics on the variable sales, the proportion of number of stores surveyed and the probability of profit that has been randomly selected between stores and lastly conducting a hypothesis test on the profits for each state.

Q1: As seen in the confidence interval, sample proportion. NSW has 0.3 while TAS, NSW and Qld has 0.2 has their sample proportion.