



LAPTOP PRICES IN USA

BY

MARYAM BASHIR MUSTAPHA

FE/23/48518708



INTRODUCTION



- This work is based on the price of different brands of laptops in USA and how the price varies according to their RAM sizes, processor speed, Storage capacity, Screen size and Weight. In this analysis, we will discover that the price increases in respect or irrespective of the above mentioned features. This is depending on the brand, for example, what influences the price in HP brand might not necessarily be the same with ASUS Brand.



AIMS AND OBJECTIVES

- The aims and objectives of this work is to find out which among the different brand of laptops is the best for technical work in an organization to give recommendation.



METHODOLOGY

- This analysis is made by using a downloaded dataset from an online data site called “KAGGLE” which is a world wide recognized home of data ready and cleared to make good analysis about a chosen phenomena.



KEY QUESTIONS

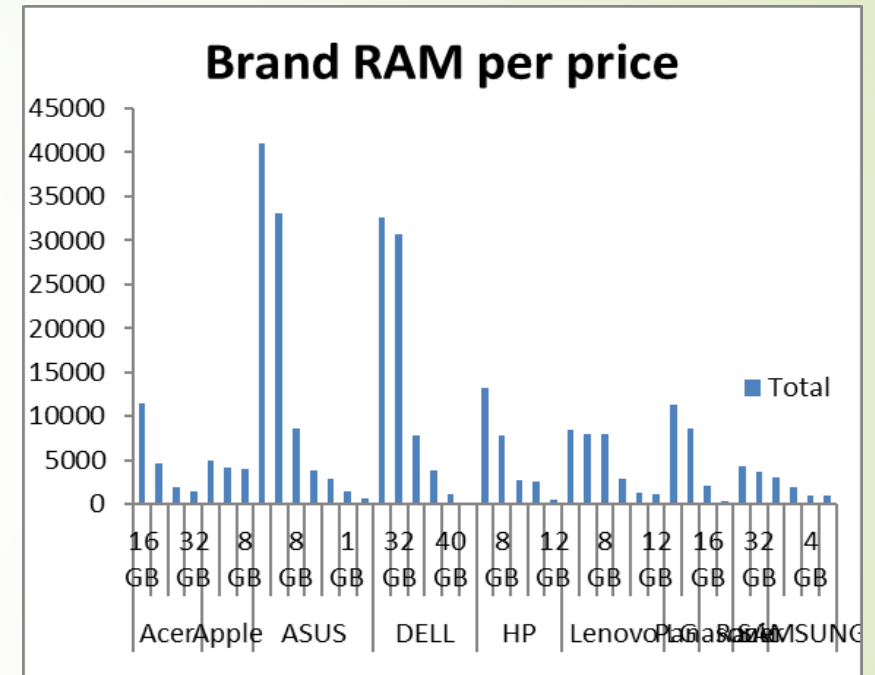
- Does RAM influence the price of laptop in USA?
- Which brand perform best in terms of speed?
- By considering all the features, which brand has the highest cost?
- Which brand is better while considering RAM and WEIGHT?



FINDINGS AND INSIGHTS

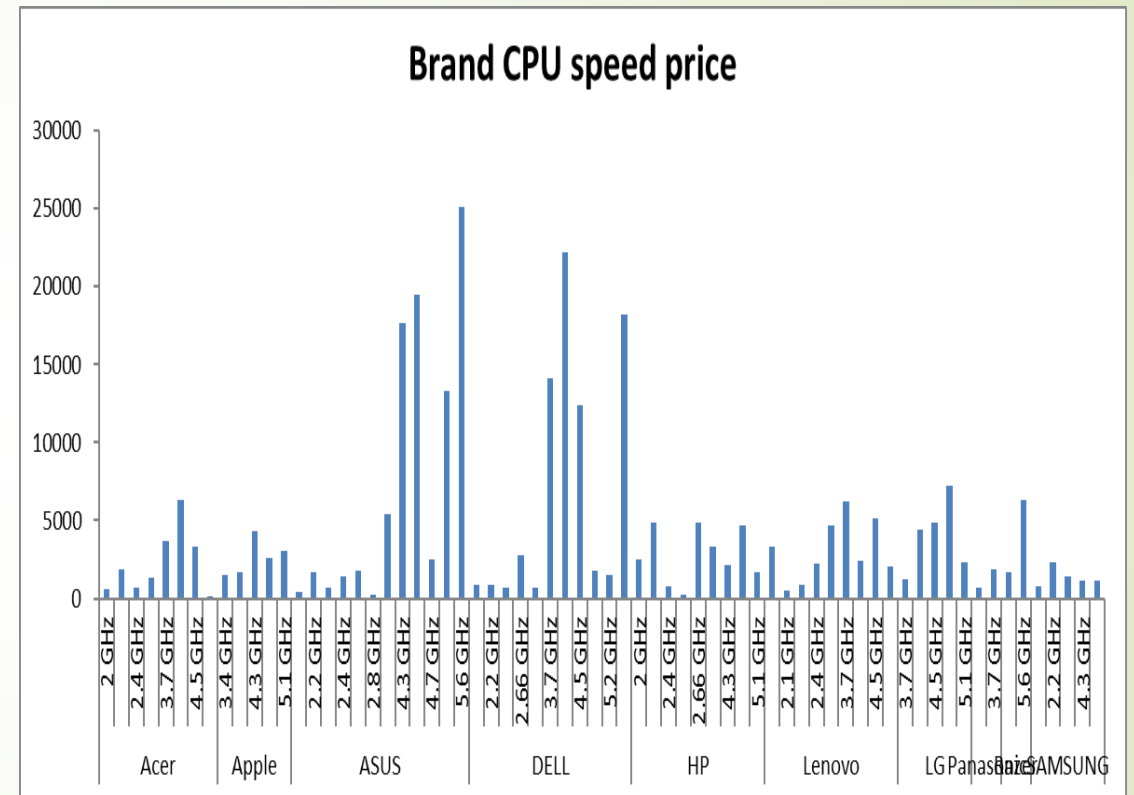
Does RAM influence the price of laptop in USA?

Looking at the analysis ,there will be a clear understanding that some brands like LG, PANASONIC, SAMSUNG showed that RAM triggers price because the highest ram which 32 cost a lot of money regardless of other features.



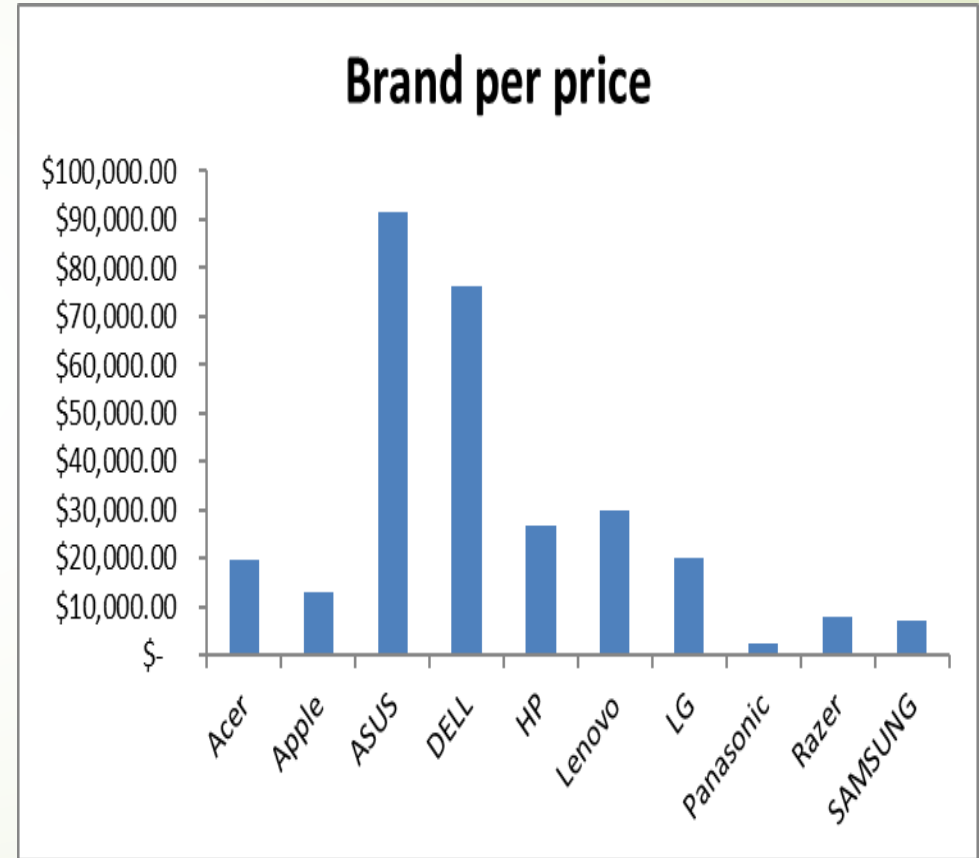
Which brand perform best in terms of speed?

The best performing brand is the ASUS computer because it has 5.6 GHz, which means that it is the laptop that processes very fast and access the network easily followed by DELL with 4.5 GHz.



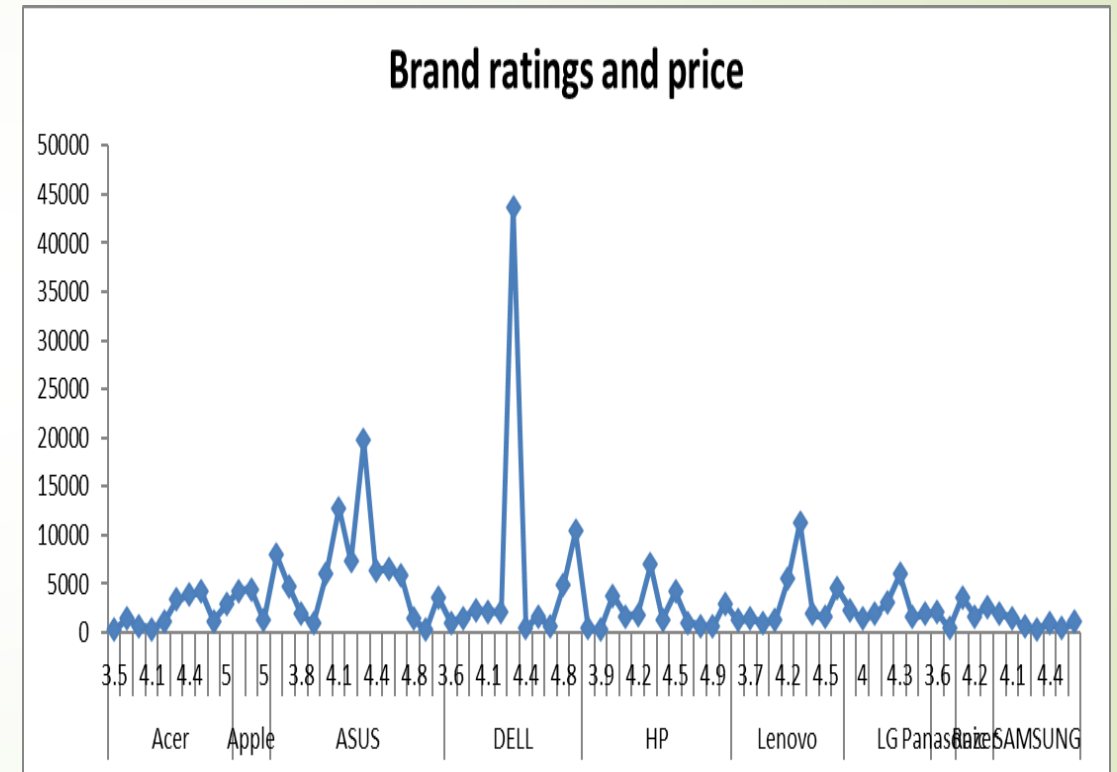
By considering all the features, which brand has the highest cost?

The summation of prices of all brands of the five laptops indicates that the ASUS product is the one with highest cost. This reflects the whole versions of laptops i.e. RAM 32,16,8 and 4 of all brands.



Which brand is better while considering RAM and WEIGHT?

The best laptop in terms of weight and public review is DELL followed by ASUS.





RECOMMENDATION AND CONCLUSION

- My recommendation will go for DELL first and then ASUS. Despite that DELL laptop is costly but we can see from the analysis that they are cost for reasons which the processor speed, storage and weight. So also ASUS, although they differ in some features but they also good as the analysis shows. And I will advise my company to order DELL laptops or ASUS as an alternate.