Assignment 2 - CPSC 371-A1

(weightage 5 marks)

Notes: Deadline: *Since there are no classes next week*, so you can start your assignment after the mid-semester break and submit the presentations before 1st march 2020.

- **Motive of the assignment is to gain hands-on experience using the concepts in AI.**
- **Each group will be given 15 minutes to present the results and each member has to participate by speaking on the subject.**
- **How you divide your presentation so that each member is able to speak is up to you.**
- **More graphs mean more points.**
- **Presentations will be held on 2nd and 4th march.**
- **Kindly email me your presentations before 1st March. After 1st March, no-more presentations will be accepted. However, you are eligible to give presentation on assigned days with weightage reduced to 50% of the total marks.**
- **Each student needs to highlight his/her contribution and programming part is compulsory for everyone.**

Scheme of marks allocation:
- No. of graphs plotted (= >5) = 2 points   else 1 point
- Individual programming exercise with code explanation (2 points)
- Interpretation of results = 1 point

Group 1:

• Braeden Van Der Velde
• Adam
• Tyler Leary
• Jenny Li

Group 2

• Dylan Fossl
• Daniel Kopf
• Michael Lane
• Daniel O'Reilly

Group 3

• Graeme Morgan
• Mason Legere
• Brandon Bains

Group 4

• Govind Rai
• Gurjapinder Singh Gill

Question

Given a dataset on house prices in Melbourne, your goal is to analyze the data-set and present your findings. You need to find mean, median. Mode of price and plot the graphs.

Also,

- **mention what type of data does this dataset contained as discussed in the class.**
- **Show the outliers in the dataset**
- **Calculate the standard deviation.**
- **Reveal the data distribution of the dataset.**
- **Use pie chart to display**
- **Show the number of property sales based on regions.**