

Write down a list of 6 numbers where the mean is 0, the mode is 1 and the range is 3.

Write down 8 numbers, 1 to 8, and demonstrate how to calculate the interquartile range

Here are ten numbers.

7 6 8 4 5 9 7 3 6

- a) Range
- b) Mode
- c) Median
- d) Mean
- e) Interquartile range

7. Find the interquartile range of the following data:: 12, 17, 34, 56, 32, 23, 83, 31, 9, 36

8. The points scored by a football team during each game from last season are: 14, 21, 18, 21, 14, 35, 42, 42, 21, 14 Calculate the mean, median, and mode: Mean: Median: Mode:

9. Use the data provided to answer the questions below: 14, 9, 3, 11, 13, 16, 4, 11, 19, 10, 8, 20, 13, 7, 12

Find the median of the data set. This value is known as Quartile 2 or Q2 for short

Find the median of the first half of the data set. This value is known as Quartile 1 or Q1.

. Find the median of the second half of the data set. This value is known as Quartile 3 or Q3.

Subtract the Q3 value from Q1. This is the Interquartile Range or IQR.

Unit -II

1.9 people take a test. Their scores out of 100100 are:

56, 79, 77, 48, 90, 68, 79, 92, 7156, 79, 77, 48, 90, 68, 79, 92, 71

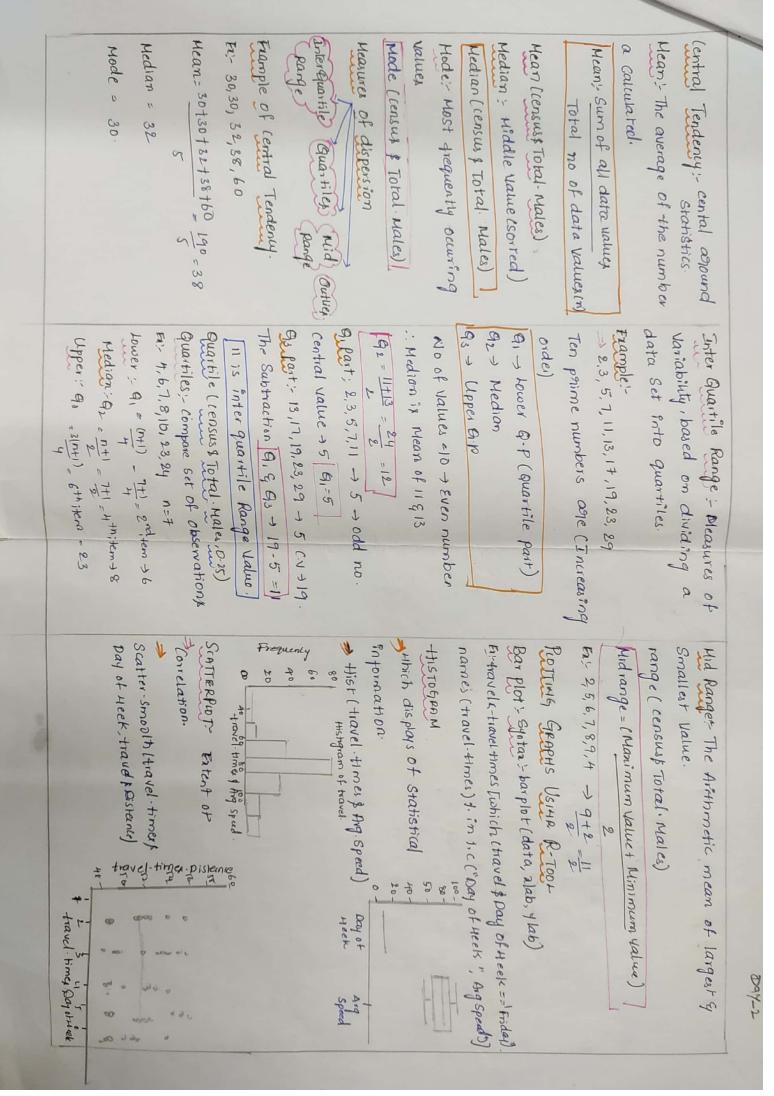
Calculating the Range

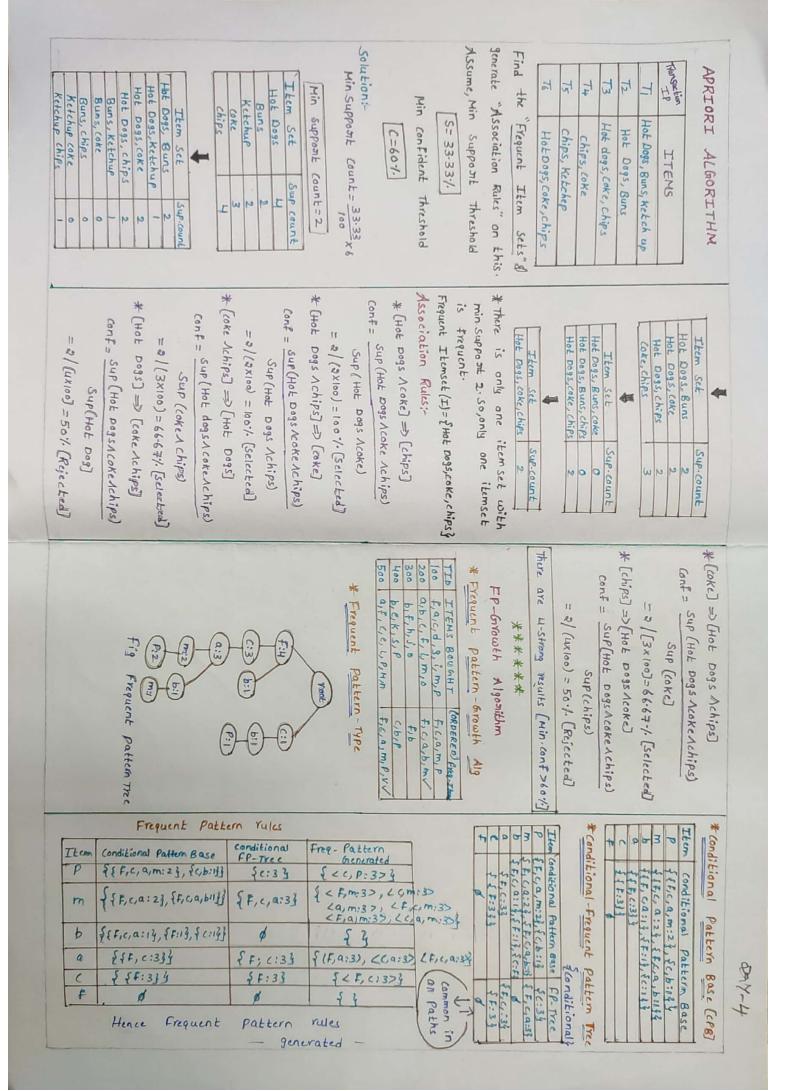
- 2. Find the range of 12, 8, 4, 16, 15, 15, 5, 15, 10, 812, 8, 4, 16, 15, 15, 5, 15, 10, 8
- 3. There were 55 members of a basketball team who had a mean points score of 1212 points each per game.
- 4.One of the team members left, causing the mean point score to reduce to 1010 points each per game. What was the mean score of the player that left?: Find the mode and range of the list of numbers below: 280, 350, 320, 400, 350,280,350,320,400,350, 490, 590, 470, 280, 410, 350490,590,470,280,410,350
- 5.Dani recorded the heights of members of her extended family, to the nearest cm. Find the median of their heights (listed below):

163, 185, 164, 170, 188, 154, 168, 179163, 185, 164, 170, 188, 154, 168, 179

6. For the following list of numbers, 1, 2, -2, 0, 1, 8, 3, -3, 2, 4, -2, 2 find the:

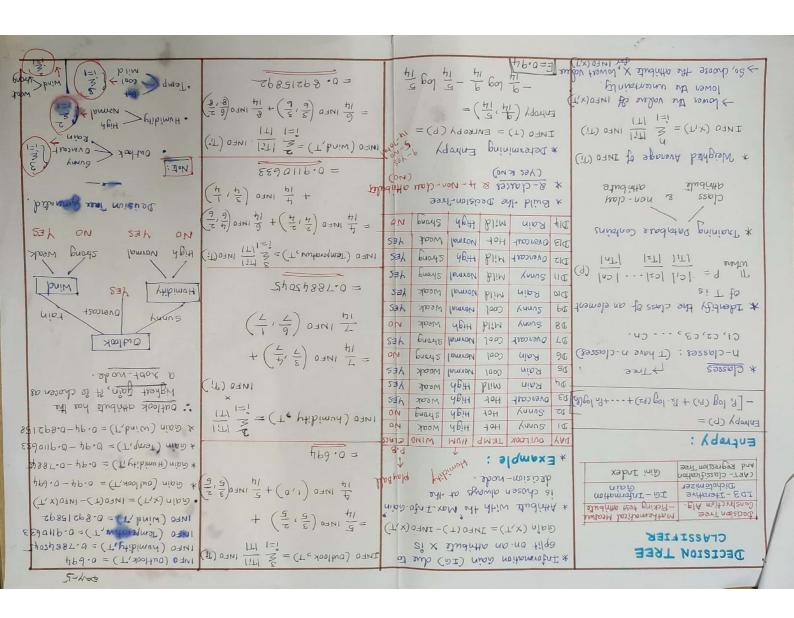
- a) Range
- b) Mode
- c) Median
- d) Mean
- e) Interquartile range

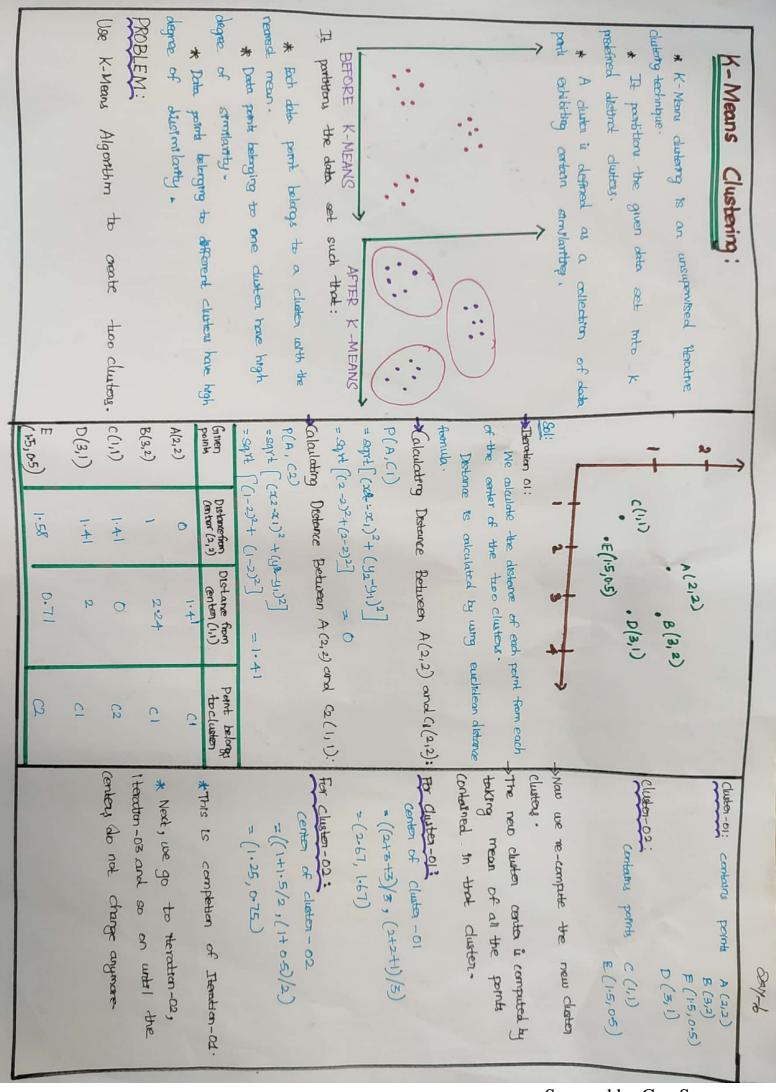




rec	Age	Income	Student	Credit _rating	Buys_computer
	+=30	High	No	Ear	No
			No		

Day	outlook	temp	humidity	windy	play
1	sunny	hot	high	FALSE	no
2	sunny	hot	high	TRUE	no
3	overcast	hot	high	FALSE	yes
4	rainy	mild	high	FALSE	yes
5	rainy	cool	normal	FALSE	yes
6	rainy	cool	normal	TRUE	no
7	overcast	cool	normal	TRUE	yes
8	sunny	mild	high	FALSE	no
9	sunny	cool	normal	FALSE	
10	rainy	mild	normal	FALSE	yes
11	sunny	mild	normal	TRUE	yes
12	overcast	mild	high	TRUE	yes
13	overcast	hot	normal		yes
14	rainy	mild	high	FALSE	yes
			111811	TRUE	no





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