

WEEK 4 QUIZ 1

Computational Statistics



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TI2I

Task

Question

Find

Find the mean, median, and mode!

Determine

Determine the Q1, Q2, Q3, and the IQR! Also variance and its standard deviation!

Do

Do you find some outliers? Explain it!

Make

Make a histogram based on your work!

Answer

1. Find

- Mean =Average(C2:C767) = 76
- Median =Median(C2:C767) = 38
- Mode =Mode(C2:C767) = 40

2. Determine

Mean	Average(C2:C767)	76
Median	Median(C2:C767)	38
Mode	Mode(C2:C767)	40
QUARTIL 1	Quartile(C2:C767;1)	32
QUARTIL 2	Quartile(C2:C767;2)	38
QUARTIL 3	Quartile(C2:C767;3)	43

- IQR

$$\text{IQR} = Q3 - Q1$$

$$43 - 32 = 11$$

3. DO

- Some outliers & explaining

4. Histogram