

bookmarks Profiles Tab Window Help

3-Week1-19707-Ronish x RRRonishMATH208/MATH208 x +

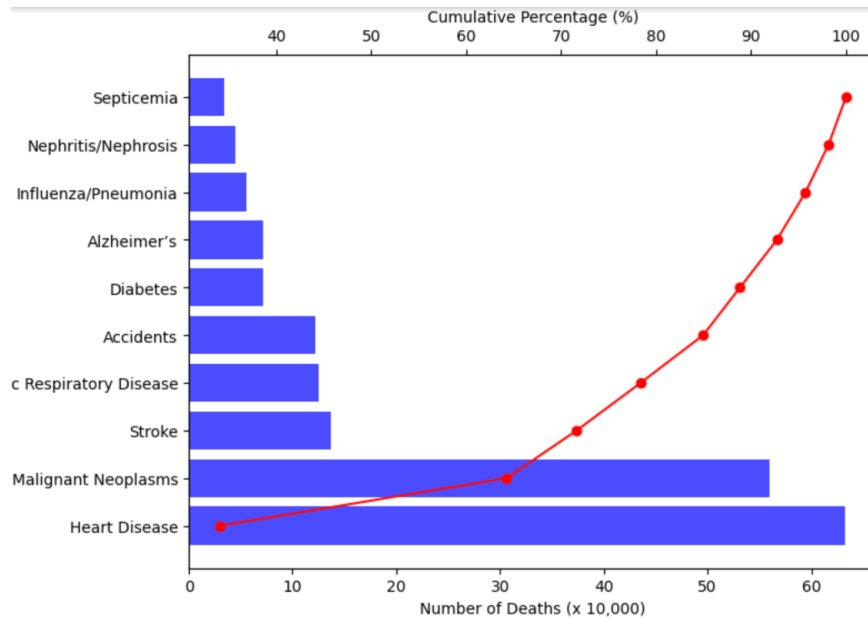
.research.google.com/drive/19c6YtK5ssstT8hFMR8srfyRdQ29CWKF#scrollTo=A4P0BxBd1GLs

-Week1-19707-Ronish Shrestha.ipynb ☆

Insert Runtime Tools Help All changes saved

Comment Share

RAM Disk



view History Bookmarks Profiles Tab Window Help

MATH208-Week1-19707-Ronish x RRRonishMATH208/MATH208 x +

colab.research.google.com/drive/19c6YtK5ssstT8hFMR8srfyRdQ29CWKF#scrollTo=A4P0BxBd1GLs

MATH208-Week1-19707-Ronish Shrestha.ipynb ☆

File Edit View Insert Runtime Tools Help All changes saved

Code + Text

```

print("Mode:", mode)
[11]
# Calculate Q1 and Q3
q1_index = n // 4          #by formula
q3_index = 3 * (n // 4)    #by formula

Q1 = (data_sorted[q1_index - 1] + data_sorted[q1_index]) / 2
Q3 = (data_sorted[q3_index - 1] + data_sorted[q3_index]) / 2
print("Q1 (First Quartile):", Q1)
print("Q3 (Third Quartile):", Q3)

# Calculate P10 and P95. By formula
p10_index = n // 10
p95_index = 95 * (n // 100)

P10 = data_sorted[p10_index - 1]
P95 = data_sorted[p95_index - 1]
print("P10 (Percentile 10):", P10)
print("P95 (Percentile 95):", P95)

Median: 17.0
Mode: [16]
Q1 (First Quartile): 15.0
Q3 (Third Quartile): 21.0
P10 (Percentile 10): 14
P95 (Percentile 95): 27

```

RAM Disk