SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.
B.Sc. CS with DS - END SEMESTER EXAMINATIONS APRIL - 2024
SEMESTER - IV
22UDSCT4004 - Data Analytics

Total Duration : 2 Hrs. 30 Mins.   Total Marks : 60

Section B

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. What are the characteristics of Big data?

2. Write note on Measurement scales.

3. Apply bar chart and pie chart in an example.

4. Write on standard deviation and variance.

5. What is scatter plot? Describe.

6. Sketch Karl Pearson's Correlation coefficient.

7. Illustrate data Collection strategies.

8. Distinguish simple and multiple regressions.

Section C

Answer any **THREE** questions $(3 \times 10 = 30$ Marks$)$

9. Classify the types of data.

10. Describe about measures of average, mean, median and mode.

11. Explain Spearman's correlation coefficient.

12. Portray the data cleaning procedure.

13. Explain the various metrics used to evaluate the regression models.

*****