

# Introduction to Data Science

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# Outline

- Univariate Data Analysis

# Univariate Data Analysis

- If the data or observation involve **one characteristic or attribute** of a random variable then it is called a univariate.
- The univariate analysis describes the data's range and measures of central tendencies.
- Univariate data can be analyzed by descriptive analysis or inferential analysis.

# Univariate Data Analysis

- Pie chart
- Bar Chart
- Histogram
- Box Plot
- Density Plot

# Summary

## Univariate Data Analysis