

Data Science

Updated Study Material

Course Overview

Data Science involves collecting, cleaning, analyzing, and visualizing data to extract useful insights and support decision-making.

Chapter 1: Introduction to Data Science

Data science combines statistics, programming, and domain knowledge.

Example: Analyzing sales data to find trends.

Chapter 2: Data Collection and Cleaning

Data is collected from files, databases, or APIs and cleaned to remove errors.

Chapter 3: Data Visualization

Charts and graphs help understand patterns in data.

Practice Questions

1. What is data science?
2. Name any one data visualization method.