

# **Exploratory Data Analysis (EDA) - Laptop Prices**

## **1. Introduction**

- Understanding laptop price trends.

## **2. Data Loading & Preprocessing**

- Check for duplicates and missing values.
- Standardize column formats.

## **3. Summary Statistics**

- Average price per brand.
- Most common RAM and storage configurations.

## **4. Data Visualization**

- Bar Plot: Most common laptop brands.
- Box Plot: Price distribution by OS.
- Histogram: Price range distribution.

## **5. Insights & Observations**

- Laptop pricing trends and most expensive brands