

# **Exploratory Data Analysis (EDA) - India Phone Usage**

## **1. Dataset Overview**

- Columns: 14 (User ID, Age, Gender, Location, Brand, etc.)
- Data Type Distribution:
  - Categorical: Brand, Location, Gender
  - Numerical: Screen Time, Monthly Recharge

## **2. Data Cleaning**

- Checked for missing values.
- Standardized brand names (e.g., "Apple Inc." → "Apple").
- Removed duplicate records.

## **3. Key Insights**

- Top Phone Brand: Nokia
- Most Usage by Age: 48+
- Most Usage by Location: Jaipur
- Primary Phone Usage:
  - Apple & Samsung → social media
  - Google Pixel, OnePlus → Work
  - Vivo & Motorola → Gaming