

# **Exploratory Data Analysis (EDA) - University Student Skills**

## **1. Dataset Overview**

- Columns: 10 (Student ID, University, Grade, Study Level, Skill, etc.)
- Data Type Distribution:
  - Categorical: University, Study Level, Skill
  - Numerical: Annual Income, Age

## **2. Data Cleaning**

- Checked for missing values (Filled missing skills as "No Skill").
- Encoded categorical values where needed.
- Standardized field names.

## **3. Key Insights**

- Total Students: 50,000
- Skill Distribution: Most students lacked skills; Tailoring was the most common.
- Top Grade: Second Class Lower.
- Most Studied Field: Agriculture-related.
- Skill Ratio: 70% of students had at least one skill.