

# **Data Analysis for Education Consultants**

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## **1. Introduction**

### **1.1 Background**

Education consultancy is one of the major industry which has been in operation for a quite a some time now, generally their success is measured based on the parameter that how well the student manage to earn after following their advice on the choice of college and the course. Generally, a master's degree in business administration is an ultimate stage of an individual's education. Master of Business Administration (MBA) is the course which is taught all over the globe. The objective of the course is to help students get acquainted with tricks of doing business and the course offer specialization in various fields such as Marketing, Finance and HR. Therefore, it is important for education consultants to have knowledge about what kind of choices prior to and while doing MBA will yield maximum return. Wherein returns are considered to be the salary offered after the completion of MBA.

### **1.2 Problem**

Data that might contribute to determining salary of students after completion of education include his past academic details and records. This project aims at determining ideal career path for MBA enthusiasts.

### **1.3 Interest**

Obviously, Educational consultants would be interested in determining ideal career paths for their students. This will help consultants to provide better service to their clients and would also help students be assured about their career choices.

## **2. Data acquisition and cleaning**

### **2.1 Data sources**

The data set is obtained from Kaggle.com ( <https://www.kaggle.com/benroshan/factors-affecting-campus-placement>) . It contains details about salary offered to students after completing Post Graduation in Business Administration and their educational background.

Our dataset contains following labels:

1. Gender
2. Secondary education percentage
3. Secondary education Board
4. Higher Secondary Education percentage
5. Higher Secondary Education board
6. Under-Graduate percentage
7. Under-Graduate field
8. Work experience
9. Aptitude test percentage
10. MBA specialization
11. MBA percentage
12. Status
13. Salary offered

## **2.2 Data cleaning**

Data downloaded or scraped from the source contained lots missing value. As some people were not placed, these missing values belonged to the Salary column, I decided to drop those rows with the missing data.