# Architecture Document Design

# Title:Campus Placement Prediction

#### 1. Introduction

# 1.1. What is Architecture Document Design?

An Architecture Document is a comprehensive artifact that describes the architectural design of a software system. It serves as a blueprint for the development team, providing a clear understanding of the system's structure, components, interactions, and design decisions.

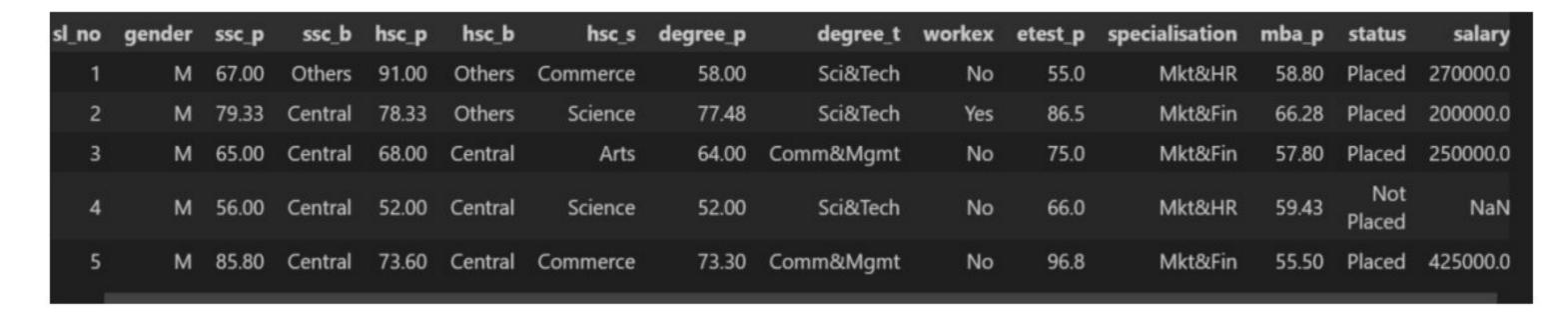
#### 1.2. Scope

Provide a high-level overview of the software system, including its purpose, objectives, and key features. Describe the context in which the system operates, its stakeholders, and the problem it aims to solve.

### 2 Technical specifications

#### 2.1 Dataset

# https://www.kaggle.com/c/ml-with-python-course-project/data



### 2.2 Predicting Status

- The system displays the choices of the features.
- The User chooses the target by clicking one of the available

choices.

- The User selects the feature values.
- The system presents the set of inputs required from the user.
- The user gives required information.
- The system should be able to predict whether placed or not for the chosen value based on the user information.

# 2.3 Logging

We should be able to log every activity done by the user.

- The System identifies at what step logging required
- The System should be able to log each and every system flow.
- Developers can choose logging methods. You can choose database logging/
  File logging as well.
- System should not be hung even after using so many loggings. Logging just because we can easily debug issues so logging is mandatory to do.

# 2.4 Deployment

1. AWS



# 3 Model training/validation workflow

