A company works with number of employees, all the works are dependents on the employees. Even if one of the employees resign the job immediately then assigned work will be not finished at the time, so delivery of the project to the clients will be delayed. Company planned to make solution for this, they want to know which employee may resign next. If they know previously, they can arrange alternative to avoid such problem. As an AI Engineer you must give Solution to this.?

A)How will you achieve this in AI?

B)Find out the 3 -Stage of Problem Identification

C)Name the project

D)Create the dummy Dataset.

**Solution:** we can predict the resignation of the employees using  Advance notice period of the employees

**Domain:**          Time Series analysis

**3-stage**          1.Time Series analysis

                           2. Supervised learning

                           3. Regression

**Name of the Project:**

                           Employee Attrition

**Dummy Dataset:**

| Input(next resignation in days) | Output (Details of the employee) | Call to action |
|---|---|---|
| After 30 days (15.04.2013) | Mr.Arun Prakash Marketing Department Business Development Manager | Appointment of new employee on 15.04.2023 in the same field |
| After 45 days (01.05.2013) | Ms.Malini Jothi Finance Department Finance Manager | Appointment of new employee on 01.05.2023 in the same field |