

## **Scenario Based Learning**

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?**

Collect data about employee salary, job satisfaction, grievances mails ,resigned or not resigned data. Create a data table and predict if employee will resign or not based on given data

**B) Find out the 3 -Stage of Problem Identification**

- 1.Machine learning
- 2.supervised
- 3.classification

**C) Name the project**

Employee resignation prediction problem

**D) Create the dummy Dataset.**

salary	Job satisfaction index	Incentives received	Resigned or not
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