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?

We can achieve this using AI. AI can able to predict that, if any of the employees are in notice period automatically has to notify via mail to the managers Once they submit Exit clearance form. So that, they can able to hire and train external employees as per their requirements.

B) Find out the 3 -Stage of Problem Identification

Machine Learning →Supervised Learning → Classification

C) Name the project

Employee Availability Prediction

D) Create the dummy Dataset.

Emp Id	Emp Name	Designation	Experience	Technology	Dependencies	Notice Period Days (Available Days)	Project Availability