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?**

Companies may be able to pinpoint the main reasons why employees are seeking other opportunities.

As an AI Engineer using employees Performance Rating, Experience ,Skills ,Job Satisfaction, Business Travel, Monthly Income, Years at Company and Attrition. developed an algorithm that may be a better predictor of when a worker is at risk of quitting

B)Find out the 3 -Stage of Problem Identification

Stage1- Machine Learning (Requirement is fully clear)

Stage 2-Supervised Learning (Input and Output both Present)

Stage 3-Regression (Output data is Numeric)

C)Name the project

HR Analysis

D)Create the dummy Dataset.

Emp Id.	Job satisfaction	Performance Rating	Age	Years At company	Qualification	Experience	Attrition
001	Medium	High	35	4	Master	7	No
002	High	Very High	33	3	Bachelor	4	No
003	Low	Medium	26	2	Below College	2	Yes