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.

Answer:

- **A)** We can use **machine learning classification**, where we can try to predict whether an employee is **likely to resign or not** based on historical data.
- B) 3 -Stage of Problem Identification
 - 1) Domain selection Machine learning
 - 2) Supervised learning cause the output is known(likely to resign or not)
 - 3) Classification

C)Employee Resignation Prediction System

D)

EmployeeID	Age	Role	Years At	Leave	Salary	Resignation
			Company	Days Per		Probability(output)
				Year		