Scenario Based Learning

Que1:

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?
The data set I am using here is the last cycle's hike percentage for each and every employee. These inputs are in the format of text and the output is also in text format we can take this up using machine learning→ Supervised as it has the output identified → Classification because this output values classifies whether the employee will resign or not!

B) Find out the 3 -Stage of Problem Identification
1. Stage 1: Machine Learning
2. Stage 2: Supervised learning
3. Stage 3: Classification

C) Name the project
Resignation predictor based on salary

D) Create the dummy Dataset.

Years of exp	**Salary LPA**	**Last cycle hike %**	**Output**
10	20	0	Will resign
4	10	0	Will resign
20	30	20	Will not resign
7	14	10	Will not resign
10	9	7	Will resign