Hope Artificial Intelligence

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?
B) Find out the 3 -Stage of Problem Identification
C) Name the project
D) Create the dummy Dataset.

SOLUTION:

A) This algorithm can be solved by using Natural Language Processing Domain. Here, each employee is assigned employee id number and based on their work involvement and discipline(eg punctuality), intelligence is created to decide whether the employee will continue to work or resign.

B) Stage 1: Machine Learning
Stage 2: Supervised Learning
Stage 3: Classification- Resign/not Resign

C) Employee Resignation Prediction

D) Dummy Data Set

S.NO	Employee Name	Employee ID	Work Contribution	Discipline	Resign/Not Resign
1	Ashok A	112345	High	Excellent	Not Resign
2	Abina B	112346	Low	Poor	Resign
3	Bala C	112347	Low	Worse	Resign
4	Catherine D	112348	High	Good	Not Resign
5	Divya E	112349	High	Excellent	Not Resign
6	Fayaz F	112350	High	Good	Not Resign
7	Gowtham G	112351	High	Excellent	Not Resign
8	Hari H	112352	Low	Worst	Resign
9	Iniya I	112353	High	Good	Not Resign
10	Jasmine J	112354	Low	Poor	Resign