

A) How will you achieve this in AI?

To predict which employee might resign next, create a machine learning model that analyzes historical employee data.

B) Find out the 3 -Stage of Problem Identification

Stage 1- machine learning

Stage 2- supervised

Stage 3- categorical

C) Name the project

Employee Resignation Prediction System (ERPS)

D) Create the dummy Dataset

EmployeeID	Age	Tenure	Department	Salary	Resigned
1	28	3	Engineering	70000	No
2	35	5	Marketing	65000	Yes
3	40	10	Sales	90000	No
4	24	15	HR	50000	No
5	30	2	Engineering	75000	Yes
6	45	3	Finance	95000	No
7	29	8	IT	68000	No
8	32	10	Sales	60000	Yes
9	38	7	Marketing	60000	No
10	26	9	HR	80000	No