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?

Prediction

B) Find out the 3 -Stage of Problem Identification

Stage 1: Machine Learning.

Stage 2: Supervised Learning.

Stage 3: Classification.

C) Name the project

PREDICTION ON EMPLOYERS RESIGNATION

D) Create the dummy Dataset.

S. No	Emp ID	Employers Name	Joining Date	Recent Performance	Work life balance	Frequently Late	Resignation possible or Not Possible
1	3456	Lisa	23-03-2016	Best	Overtime	No	Not Possible
2	1637	Rose	04-02-2019	Medium	Schedule Changes	No	Not Possible
3	9367	Joe	08-06-2020	Best	Overtime	No	Not Possible
4	2456	Micheal	27-09-2022	Low	High Stress	Yes	Possible
5	7643	Frank	30-01-2018	Medium	Schedule Changes	Yes	Not Possible
6	9542	Angel	06-10-2015	Best	Excess improvement	No	Not Possible
7	1289	Rohit	12-03-2024	Low	Lack of Progression	Yes	Possible
8	5679	Tharun	09-05-2021	Best	Overtime	No	Not Possible
9	2467	John	08-01-2010	Low	High Stress	Yes	Possible
10	1865	David	20-11-2018	Medium	Schedule changes	Yes	Not Possible