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?

Step-1: Understanding the requirements of client's objective

Step-2: collecting the required dataset from the client

Step-3: Analyse the dataset

Step-4: Domain Selection

Step-5: Learning Selection

Step-6: Prediction of Resourceful and Non-Resourceful Employees

B) Find out the 3 -Stage of Problem Identification

Stage-1: Domain Selection - Machine Learning

Stage-2: Learning Selection – Supervised Learning

Stage-3: Classification - Categorical Value - Resourceful / Non-Resourceful Employee

C) Name of the Project: Predicting Resourceful Employees

D) Dummy Dataset

Employees Performance Ratings and Resourcefulness

Emp. ID	Employee Name	Years of Experience	Performance Ratings out of 5	Resourceful / Non-Resourceful Employee
01	GURURAJ	10	3.5/5	Resourceful
02	HEMANTH	5	2/5	Resourceful
03	NIVASHINI	2	1.5/5	Resourceful
04	KISHORE	7	2.5/5	Resourceful
05	ANTONY	3	1.5/5	Resourceful
06	SELVYN RAJ	8	2/5	Non-Resourceful
07	KIRAN	11	2.5/5	Non-Resourceful
08	MATHEW	9	3/5	Resourceful
09	STEVE	10	2.5/5	Resourceful
010	GOVIND	6	2/5	Resourceful