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

A) How will you achieve this in AI?

Here we have to predict employee will resign or not ?

Call to action -> they will make another alternative

B) Find out the 3 -Stage of Problem Identification

Stage 1: Domain selection

Here input will be numbers so Machine learning or deep learning will solve this

Stage 2: learning selection

Here all employee details with their resignation status is given

So here output column is given so this comes under supervised learning

Stage3: in supervised here we have to create a category so it is classification

ML /DL + Supervised Learning + Classification

C)Name the project:

Resignation Prediction

D) Create the dummy Dataset

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| --- | --- | --- | --- | --- | --- |
| Employee number& Name | Designation | Year of experience | Salary per annuum | Traveling a month | Resignation status |
| 1.Raju | SE | 5 | 7L | 0 | Resigned |
| 2.Hema | TL | 15 | 35L | 0 | Not resigned |
|  |  |  |  |  |  |