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.

1. How will you achieve this in AI?

Predict who is going to retire next with using date of join and age column

Call to action move the assigned task in their name to the other employees

B) Find out the 3 -Stage of Problem Identification

Domain selection – Machine learning

Learning Selection- Supervised learning(req are clear)

Classification(move the assigned task to others)

C) Name the project

EmployeeResignationPrediction

D) Create the dummy Dataset.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Date of join | Age | emp\_id | Position | Name | Assigned work | Salary | Resigned |
| 12-2-2012 | 40 | 123 | Manager | ABC | Task1 | 120000 | Yes |
| 14-9-2015 | 50 | 124 | Assistant Manager | ABD | Task2,3 | 100000 | No |
|  |  |  |  |  |  |  |  |