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 the employee who will be resigning next and call to action to arrange alternative one

1. Find out the 3 -Stage of Problem Identification

Machine Learning

Supervised Learning

Supervised - Classification

1. Name the project

Employee Resignation Prediction

1. Create the dummy Dataset.

|  |  |  |  |
| --- | --- | --- | --- |
| Employee Name  Input | Year in company | Employee Survey job satisfaction (1-5) | Resigned (yes/No) |
| Vasanthi | 2 | 2 | Yes |
| Lakshmi | 10 | 4 | No |
| Sanjay | 5 | 3 | No |
| Vineetha | 1 | 2 | No |