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?**
- If the employee over works due to stress of deadlines, it may cause to resign.
- If the employee is highly skilled, but is under esteemed to do lo-level jobs.

B) **Find out the 3 -Stage of Problem Identification**
- Stage I: Machine Learning or Deep Learning
- Stage II: Unsupervised
- Stage III: Clustering
- Identify the potential/non-potential employee.
- Call to action: The highly potential employee might resign soon.

C) **Name the project**
- Employee Resignation Prediction

D) **Create the dummy Dataset.**

EmployeeID	Employee_workhours	Skills_on_resume	Skills_applied_at_work	Label_created
1004	6	8	3	Resign
1025	3	4	3	Stay
1075	4	5	4	Resign