

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?

Answer:

Manual Solution:

Employee should give a notice period for at least 2 weeks. So that company can arrange another employee in that time and also HR team have a time to convinces the employee to retain in the job.

Ai Solution:

Every month or a week get some feedback to the employee about the company, what are issues they are facing in the company. Now, by using the Ai tool we can classify the feedback into opposite or negative feedback. Then send that feedback to HR team. If it is a negative feedback Ai will highlight the feedback to set that as a first priority. So, by resolve the issues of that employee, they won't resign their job. Also, add the manual solution with this to avoid the risks.

B) Find out the 3 -Stage of Problem Identification.

Answer:

Stage 1: Domain Selection: **NLP**

Stage 2: Learning Selection: **Supervised Learning**

Stage 3: Supervised Learning: **Classification**

C) Name the project.

Answer:

Retain Employee Ai tool.

D) Create the dummy Dataset.

Answer:

FEEDBACK (INPUT)	OUTPUT	CALL TO ACTION
-----	Good feedback	
-----	Bad feedback	Need Attention*
-----	Bad feedback	Need Attention*
-----	Good feedback	