

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.

ANSWER:

Company collects feedback to predict employee resignation through feedback tools

(Or)

Company gets formal notice of employee resignation through e-mails

A) Prediction based on these behaviors

B) 1)-NLP (Feedbacks are in the text format and resignation request are in the text format).

2)-Supervised learning (Requirement is clear -resign/stay)

3-classification(yes/no)

C)Detecting employee resignation

D) EmpID, Feedback, Resigned

1, I am happy with my job and work-life balance, No

2, I feel overworked and my salary is low, Yes

3, My job is okay but there is room for improvement, No

4, I enjoy my work and my manager is supportive, No

5, I am unhappy with my role and growth opportunities, Yes

