

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?

We can design the tool which call alert regarding the employees resign and the resigned employees work load will be spilled to exiting co-worker with the automated format.(here to predict the employee resignation based on the notice period and their work load will be auto-transmitted to exiting employee)

B) Find out the 3 -Stage of Problem Identification

Stage1-Time series analysis

Stage2-supervied learning.

Stage3-Regression.

C) Name the project:

Work-load management

D) D) Create the dummy Dataset

S.No	Emp.name	Emp.ID	Designation	Joined date	Contract Period	Notice Period	Status
1	xyz	101	developer	1.1.2020	5 years	1 year	1.1.2025 Will resign
2	zzzz	102	developer	1.1.2023	3 years	2years	1.1.2026 resign
3	yyy	103	developer	1.1.2024	2 years	1 year	1.1.2026 resign

