

## ASSIGNMENT

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) From the given dataset ,we can predict the next resigning employee and alert the company to avoid such problem.

B) Stage1= Domain selection-“machine learning”

Stage2= supervised learning

Stage3= classification

C) Name of project= “ **Employees resigning prediction**”

D) Dummy dataset:

Name	Age	Gender	Department	No.of.working Days	Feedback	Years of Experience	Output/ label
Aravindh	27	Male	Cybersecurity	230	Greatjob! On resolving the critical issue	4	Not resigning
Divya	24	Female	Software development	200	I have noticed some delays in your project timeline.Focus on your work.	2	Resigning
Soundar	31	Male	Software development	247	You are doing a fantastic job	7	Not resigning

					as a team lead.		
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