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:

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| 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 as a team lead. | 7 | Not resigning |