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.

1. How will you achieve this in AI?

We can achieve this from time series analysis with semi supervised learning method

1. Find out the 3 -Stage of Problem Identification

Through Regression method.

1. Name the project

Resignation Prediction

1. Create the dummy Dataset.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Input | | | | label |
| Employee Id | Employee Name | DOJ | Resign Submitted | Last Working Day |
| 123 | Pandiarajan | 01-01-2021 |  |  |
| 124 | Karthi | 04-01-2022 | 11-12-2024 | 12-02-2025 |
| 125 | Ravathi | 01-01-2022 | 24-12-2024 | 25-02-2025 |
| 126 | Swetha | 01-05-2018 |  |  |

1. Call to Action: Send an email to HR/Manager for the alternative arrangement.