1.AI Solution

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1.work life balance checkin checkout - time

based on the checkin and checkout time. User able to identify the employee is good work life balance or not

2.hike Salary - experience and working time - time

based on the hike amount and experience we able to identify the employee is getting good hike amount or not

3.promotion / year of work experience in project - time

Based on the experience we can find the employee is working in correct position or not

4.Common hiring and resigning month

Based on the IT market

2. Stages

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Time series analysis - based on most hiring and resigning month

Supervised – input and output

Classification - resign / not resign

Machine learning - based on year of exp, rating of employee

Supervised – input and output

Classification - resign / not resign

NLP learning - based on promotion, personal issue.

Supervised – input and output

Classification - resign / not resign

3. Project name

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employee resignation prediction

4. dummy dataset

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employee joining date 02.09.2023,etc..

Hike date 02.09.2023,etc..

common Hiring month Feb,Mar,april,july,aug,sept

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Employee Joining date | Hike date | Year of experience | Promotion | Salary Hike | Output |
| 02.03.2019 | April 1 | 5 | Manager | 10% | Possible to resign |
| 03.09.2018 | April 1 | 6 | senior | 8% | Possible to resign |
| 09.05.2022 | April 1 | 2 | junior | 15% | Not possible to resign |