

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.

A) How will you achieve this in AI?

As per client requirement, as an AI engineer, we can solve this by taking the company's existing employee data. We fix this with things like employee work experience and the hike they get. We can check if their working performance meets the company's terms and conditions or not. Then also the employee resigning by himself means we can tell them to previously tell them to be in the company for a notice period of three months by telling them in the software.

B) Find out the 3 -Stage of Problem Identification

Machine learning
supervised
classification

C) Name the project

Employee resignation predication

D) Create the dummy Dataset

| Name | designation | Salary hike | performance | Resignation predication |
|--------|-------------|-------------|--------------|-------------------------|
| Ram | Developer | 30% | 80% poor | May resign |
| Pavi | Testing | 20% | 50% moderate | May not resign |
| muthu | HR | 25% | 20% Better | May not resign |
| magizh | devopes | 36% | 30% Good | My not resign |