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?

* Based on employee year-end review AI predict the employee able to continue or resign the job.
* Usually employee performance categories EE, ME & PE and the hike also depend on the rating.

*EE – Exceed Expectation*

*ME – Meet Expectation*

*PE – Partial Expectation*

* ME & EE can get the better hike comparing the PE so the employee may get the rating PE have the change to look for better career in outside.

1. Find out the 3 -Stage of Problem Identification

* Use Time Serious Analysis
* The input and output are existing in the table and can use Supervised Learning & classification

1. Name the project

* Employee Resource Management

D) Create the dummy Dataset.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EmpId** | **Ename** | **Dept** | **Year** | **Prating** |
| 1001 | Xyz | IT | 2022 | PE |
| 1002 | Abc | IT | 2022 | ME |
| 1003 | Def | IT | 2022 | ME |