🚕 Employee Attrition Prediction

An interactive tool for predicting employee turnover using Random Forest and analyzing trends.

High-Risk Employees

	JobRole	Attrition	PerformanceRating
0	None	Yes	3
2	None	Yes	3
14	None	Yes	3
21	None	Yes	4
24	None	Yes	3
26	None	Yes	4
33	None	Yes	3
34	None	Yes	3

High Job Satisfaction

	Age	JobSatisfaction	Attrition
0	41	4	Yes
5	32	4	No
13	34	4	No
17	22	4	No
18	53	4	No
19	38	4	No
23	21	4	No
28	44	4	No

High Performance

	Department	PerformanceRating	JobSatisfaction
1	None	4	2
6	None	4	1
7	None	4	3
8	None	4	3
21	None	4	1
26	None	4	1
44	None	4	4
45	None	4	3

Developed by Deepika

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Predict Attrition   Employee Insights

Predict Attrition for a New Employee

Enter employee details to predict their likelihood of leaving using the Random Forest model.

Age
30

Monthly Income
45000

Business Travel
Travel_Rarely

Overtime
Yes

Department
Research & Development

Percent Salary Hike
10

Distance From Home
2

Performance Rating
3

Education
2

Relationship Satisfaction
1

Education Field
Life Sciences

Stock Option Level
1

Environment Satisfaction
2

Total Working Years
5

Gender
Male

Training Times Last Year
2

Job Involvement
4

Work Life Balance
2

Job Level
1

Years At Company
4

Job Role
Research Director

Years In Current Role
2

Job Satisfaction
4

Years Since Last Promotion
1

Marital Status
Married

Years With Current Manager
2

[Predict]

The employee is likely to stay (probability of staying: 74.00%).