

## WORKERS LIFE-CYCLE PREDICTION USING AI

Dummy Dataset:

Name	Age	Qualification	Sex	Performance	Work Experience	Feedback	Resigning Dt	Output
Ramya	34	B.E	M	85.5	3	Bad	09-07-2024	Resigned
Abirami	37	M.E	F	70	4	Bad	21-07-2024	Not – Resigned
Vishnu	28	M.sc	M	80	2	Good	30-08-2024	Not – Resigned
Kishore	23	B.sc	M	90	6	Bad	09-07-2024	Resigned
Raj	44	M.E	M	75	3	Good	21-07-2024	Not – Resigned
Nitish	38	B.E	M	99	8	Good	30-08-2024	Not – Resigned
Naveen	37	B.sc	M	87	5	Good	30-08-2024	Not – Resigned
Prem	31	M.sc	M	98	4	Good	30-08-2024	Not – Resigned
Sakthi	29	B.E	F	73	5	Good	30-08-2024	Not – Resigned

Here Name, Age, Qualification, Sex, Performance, Work Experience, Feedback, Resigning Date is used as the input to predict the output. For the prediction of model we are using this AI.

Step 1: Machine learning

Since the input is in dataset in Excel in Numbers we can go with this method.

Step 2: Supervised learning

Since the input and output were clear we can go on this method

Step 3: Classification

Here output comes under a categorical value like resigned or not resigned we can go with this method.

**Machine learning - Supervised learning - Classification**