



# ADVANCED INTERNSHIP APP USER MANUAL

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# ACKNOWLEDGEMENTS

I express my sincere gratitude towards Clevered and my mentor Ms. Shivani who have guided and inspired me throughout the journey of learning and experimenting in the field of AI, and for giving me an opportunity to widen my knowledge and skills.

I also thank my parents and friends for their immense moral support and guidance during this course, which helped me complete my work and inspired me to try new things through my project.



# ABOUT ME



Name: Julia Anna Joseph

Age: 18 years old

Level: University Freshman

Nationality: Indian

To be able to program a computer to understand and respond to humans just like another human is really fascinating. Artificial Intelligence is a growing industry, and I wish to broaden my knowledge and computing skills to keep in pace with today's technology. I hope to develop new skills and increase my love for coding through this internship while also learning various job-ready skills.

# ABOUT MY INTERNSHIP JOURNEY

This internship helped me gain new skills and increased my knowledge in the field of Artificial Intelligence. I have renewed interest in coding and have learnt many valuable lessons through this course. I am very excited to work on my project on Employee Attrition, and also gain new insights through this internship.

clevered



# ABOUT THE APP

## App's Main Menu

- User enters csv file link to previous year employee details dataset
- User enters csv file link to current year employee details dataset
- App displays table of current year employee IDs and information on whether they may leave the company or not.
- App also displays buttons for various data plots.

## App's Introduction

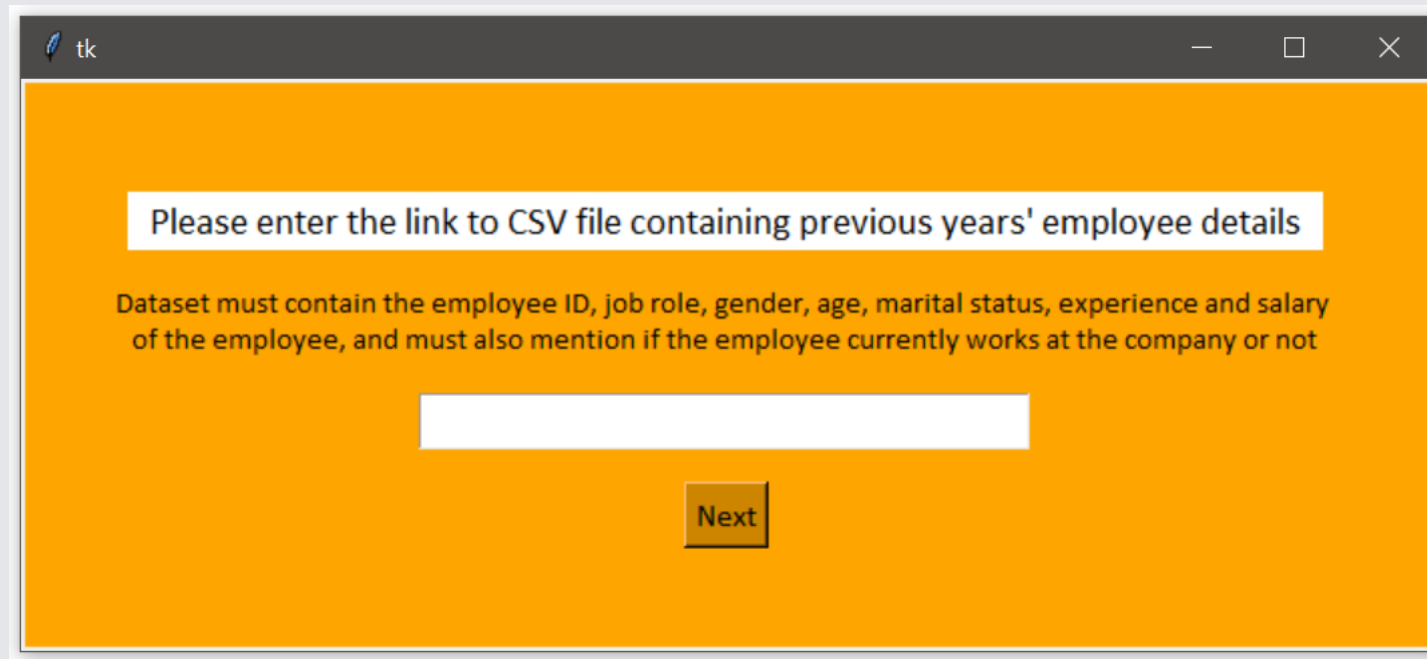
The Employee Attrition Rate Predictor predicts whether a given employee will leave the company of hiring or not, based on certain data(or features). The project aims to give an analysis of the employee attrition and retention based on past data. The project also displays graphs and plots of the data.





# HOW TO USE THE APP

# FIRST WINDOW



tk

Please enter the link to CSV file containing previous years' employee details

Dataset must contain the employee ID, job role, gender, age, marital status, experience and salary of the employee, and must also mention if the employee currently works at the company or not

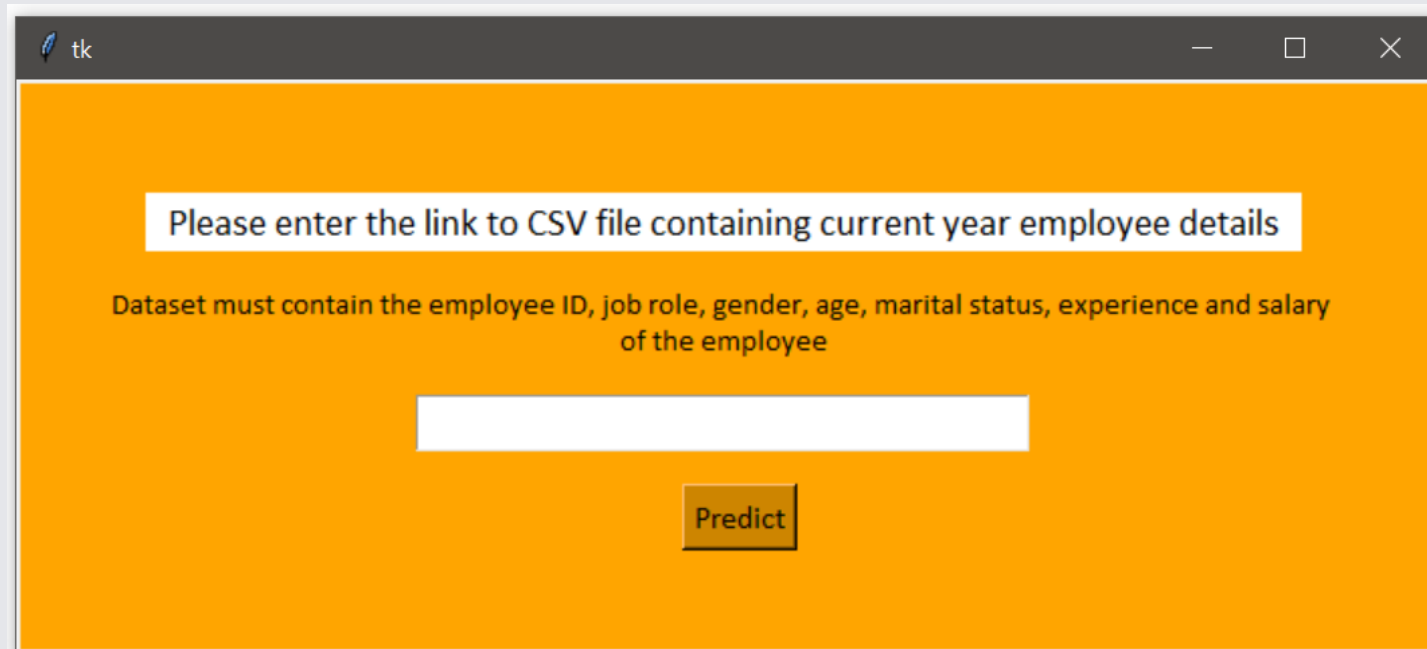
Next

- User must enter the entire path to CSV file containing previous years' information.
- The CSV link must contain gender, age, job role, marital status, experience, salary, and also mention if they currently work at the company or not.



# SECOND WINDOW

- User must enter the entire path to CSV file containing current year's information on employees.
- The CSV link must contain gender, age, job role, marital status, experience, and salary.



tk

Please enter the link to CSV file containing current year employee details

Dataset must contain the employee ID, job role, gender, age, marital status, experience and salary of the employee

Predict

# THIRD WINDOW

Prediction Table

	Unnamed: 0	Employee	JobRole	Gender
1	0	2370	Research Scientist	Male
2	1	2371	Sales Executive	Female
3	2	2372	Manufacturing Director	Male
4	3	2373	Research Scientist	Female
5	4	2374	Manager	Female
6	5	2375	Research Scientist	Female
7	6	2376	Research Scientist	Male
8	7	2377	Research Director	Male
9	8	2378	Sales Executive	Male
10	9	2379	Human Resources	Female
11	10	2380	Sales Executive	Male
12	11	2381	Research Scientist	Male

Number of employees at risk of attrition: 7

Select what plot you would like to view:

Attrition/Retention Pie Chart

Job Role - No. of Employees

Gender - No. of Employees

Prediction Table

	Gender	Age	MaritalStatus	Experienc	MonthlySa	Attrition
1	Male	47	Married	16	2125	No
2	Female	56	Married	6	20328	No
3	Male	39	Married	10	12315	No
4	Female	38	Divorced	20	18115	No
5	Female	58	Married	29	11761	No
6	Female	32	Single	8	15318	No
7	Male	38	Divorced	10	14293	No
8	Male	49	Married	28	13738	No
9	Male	42	Divorced	14	2900	No
10	Female	27	Married	1	19555	Yes
11	Male	35	Married	6	15975	No
12	Male	28	Single	5	2122	No

Number of employees at risk of attrition: 7

Select what plot you would like to view:

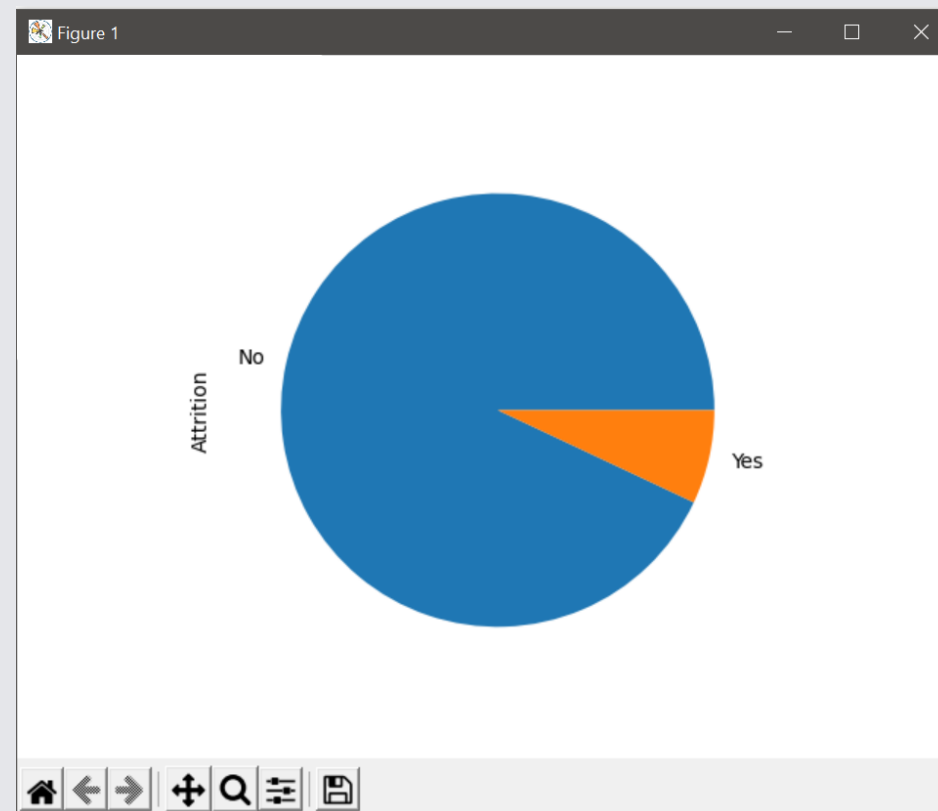
Attrition/Retention Pie Chart

Job Role - No. of Employees

Gender - No. of Employees

# FOURTH WINDOW

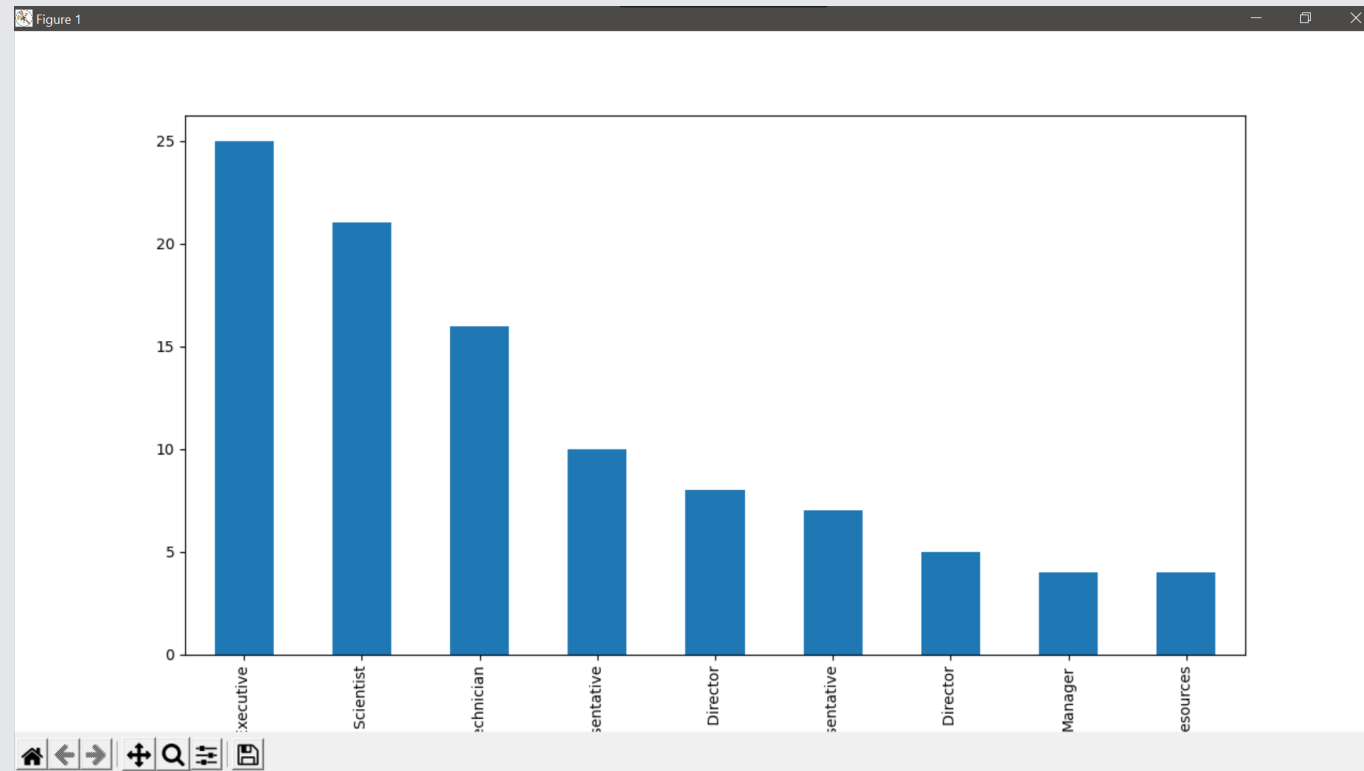
Attrition/Retention Pie Chart





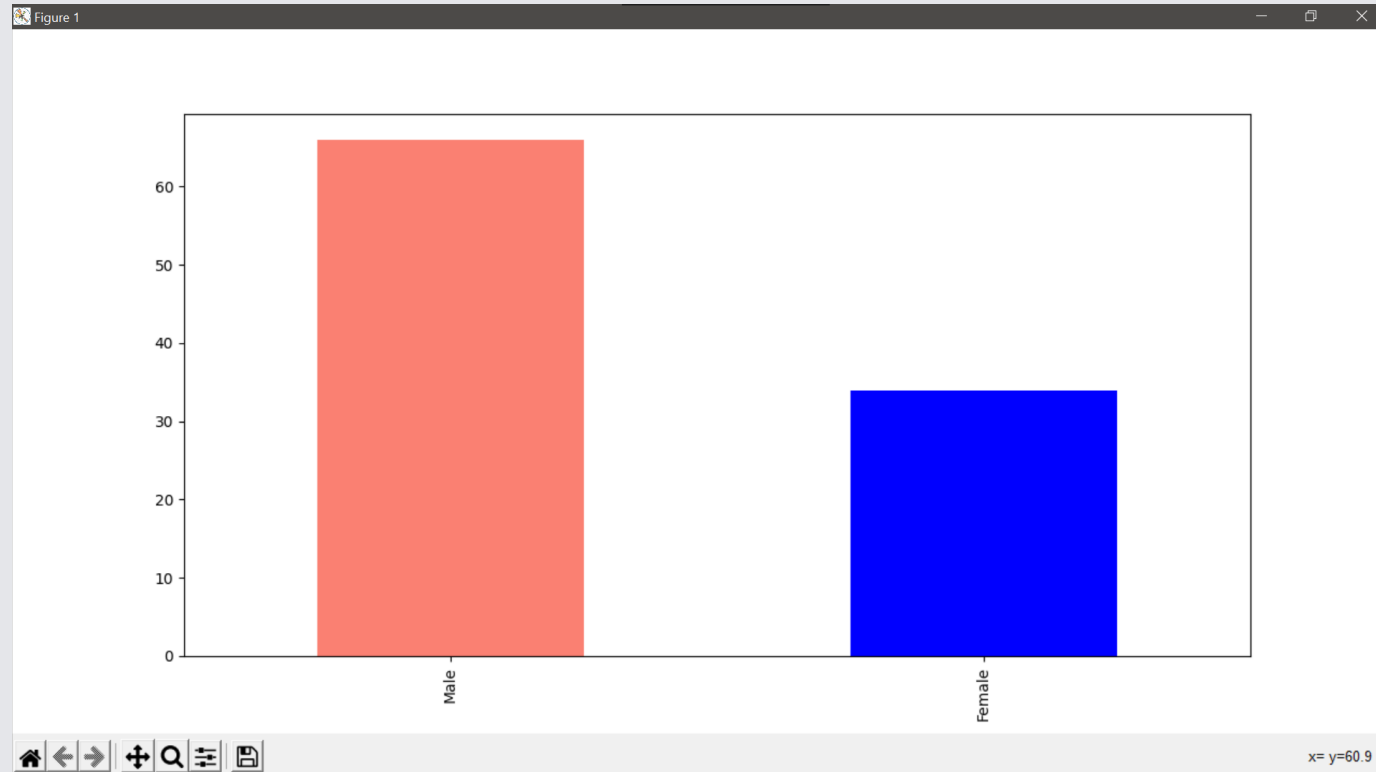
# FIFTH WINDOW

Job Role vs no. of Employees



# SIXTH WINDOW

Gender vs no. of Employees

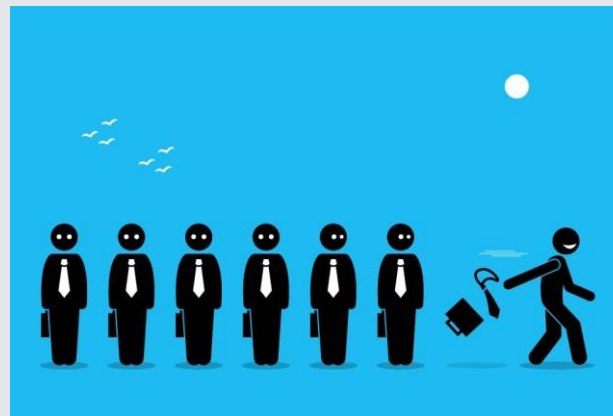


# CONTACT PERSON

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Project Name: Employee Attrition Rate Predictor







**THANK YOU !!!**