

# CIA 3 – ML Model with Modular Coding

**Name** : U.Vasanth

**Class** : 3 MDS B

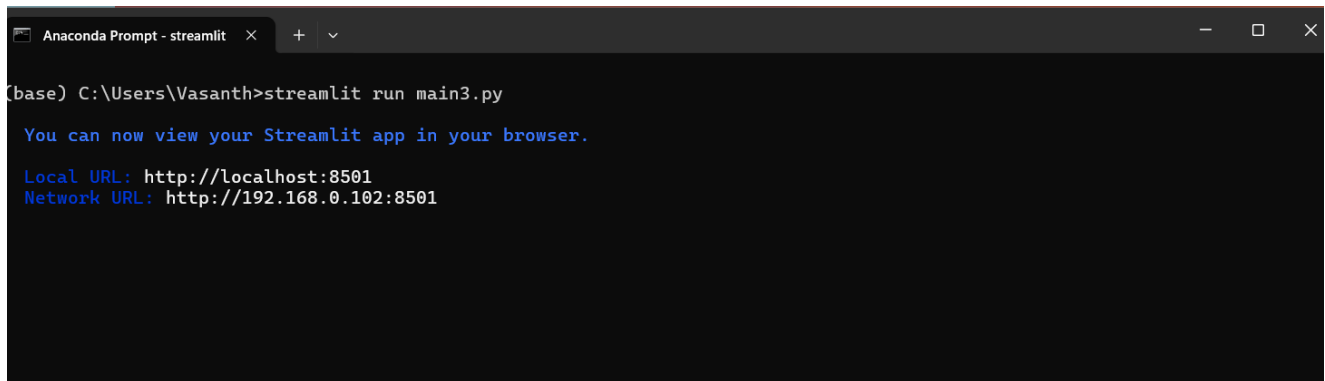
**Reg No** : 2348463

## Predicting Employee Salary with Multiple Linear Regression

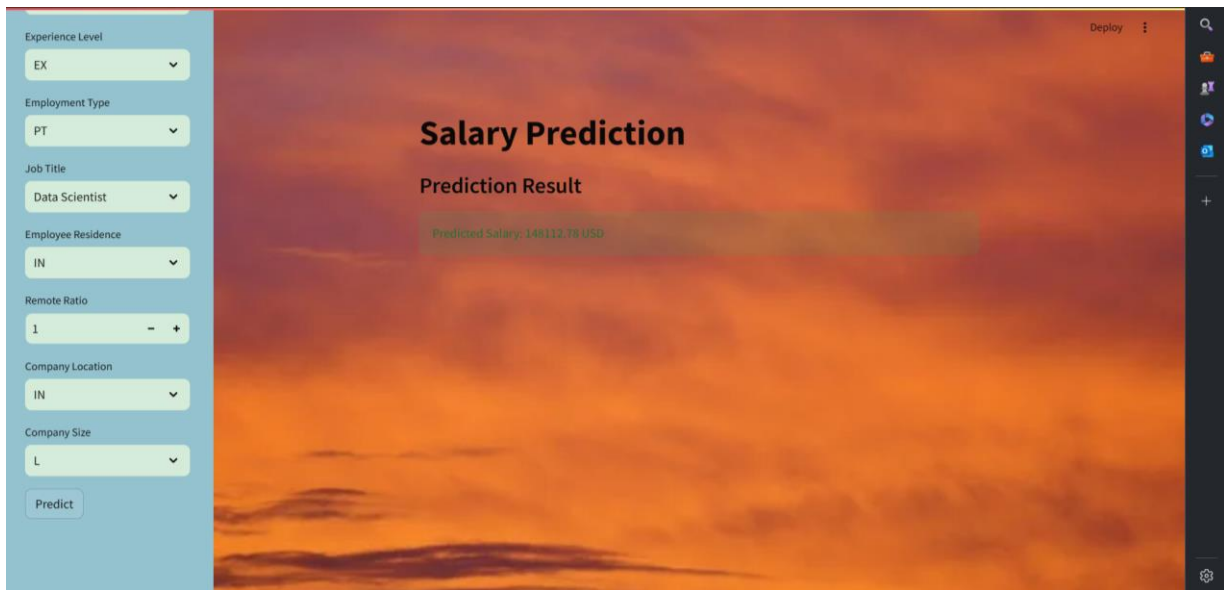
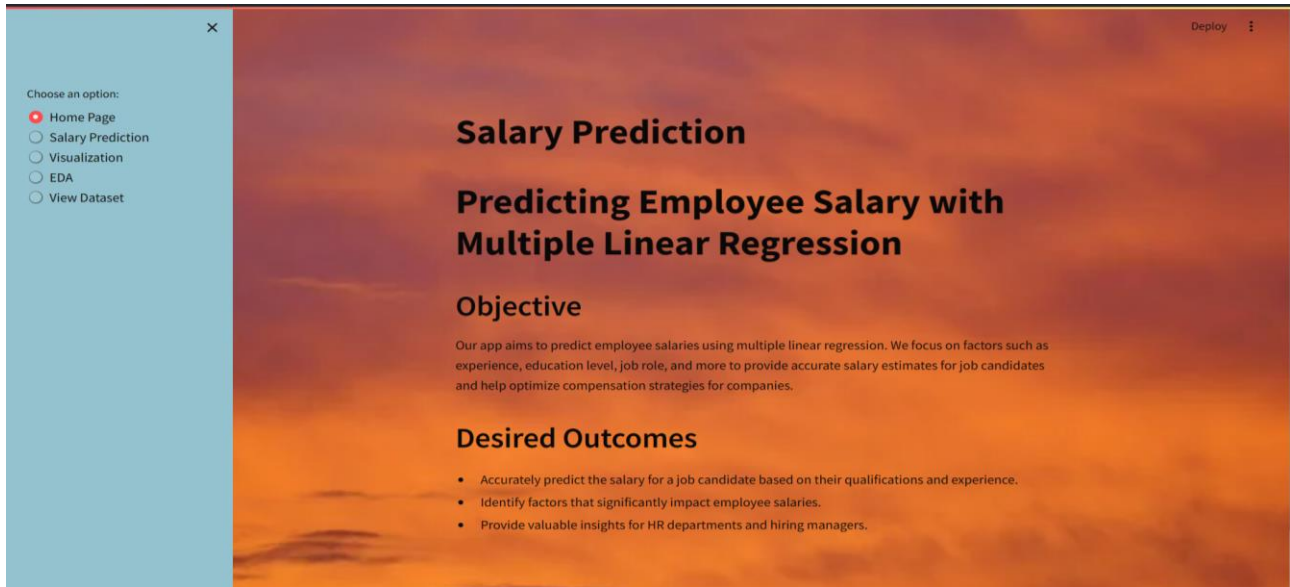
### AIM:

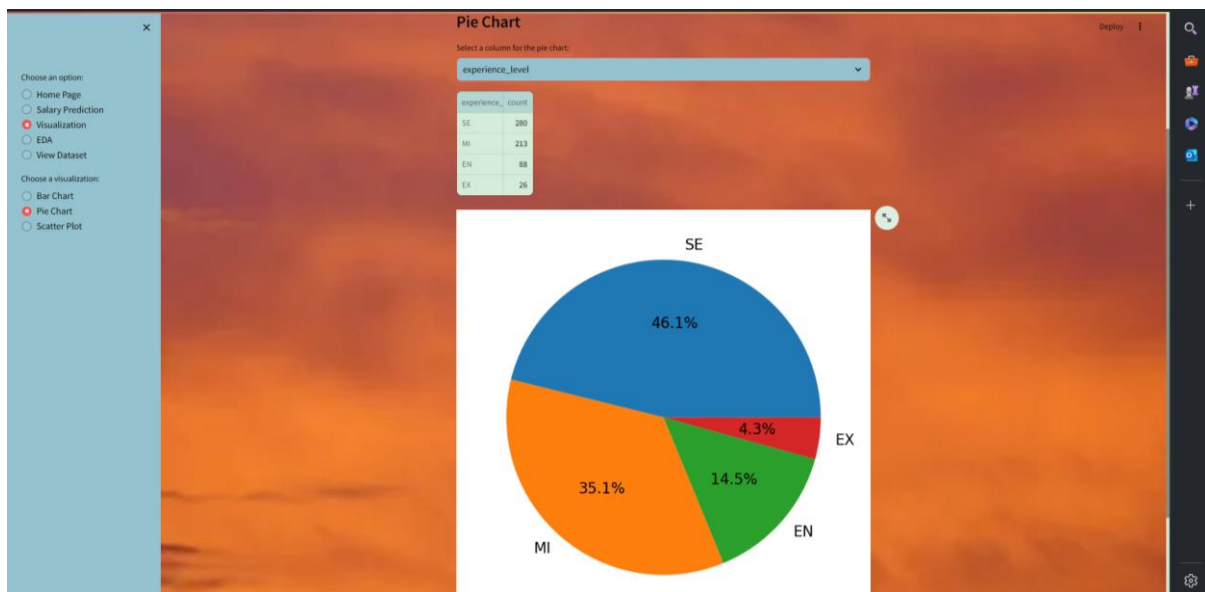
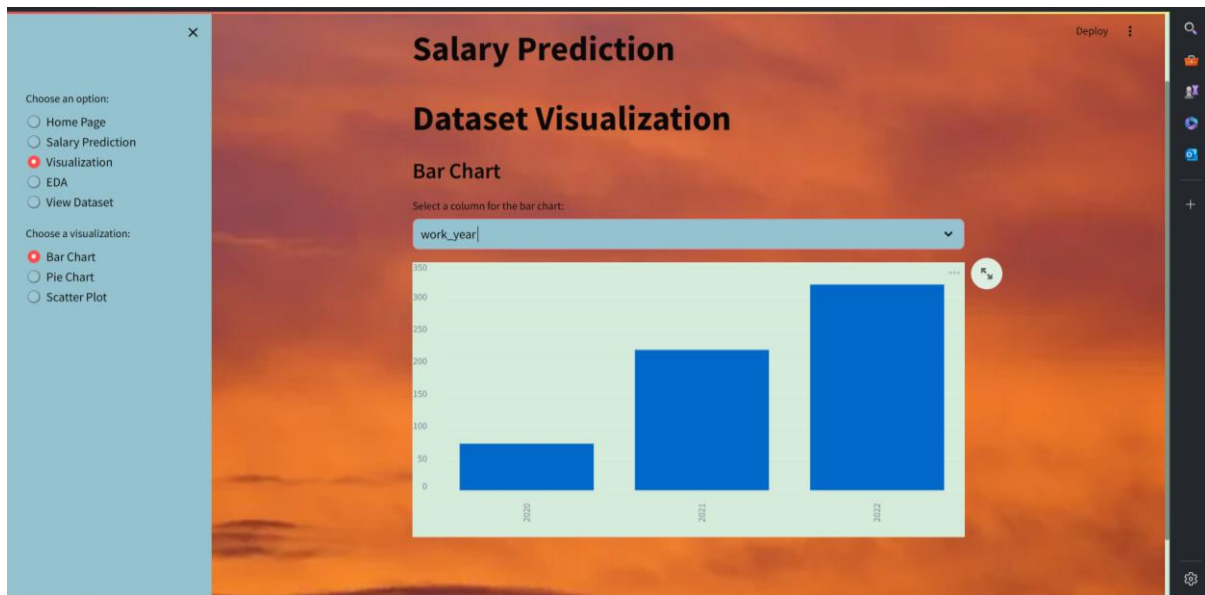
To develop a model using simple linear regression to predict employee salaries based on various factors such as experience, education level, job role, etc., with the aim of providing.

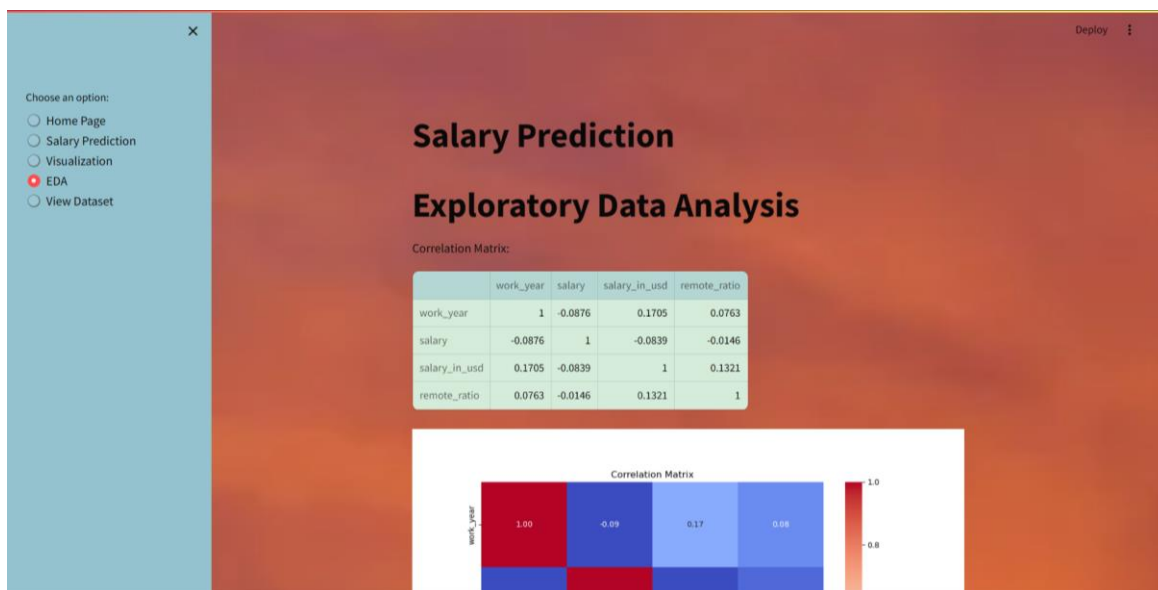
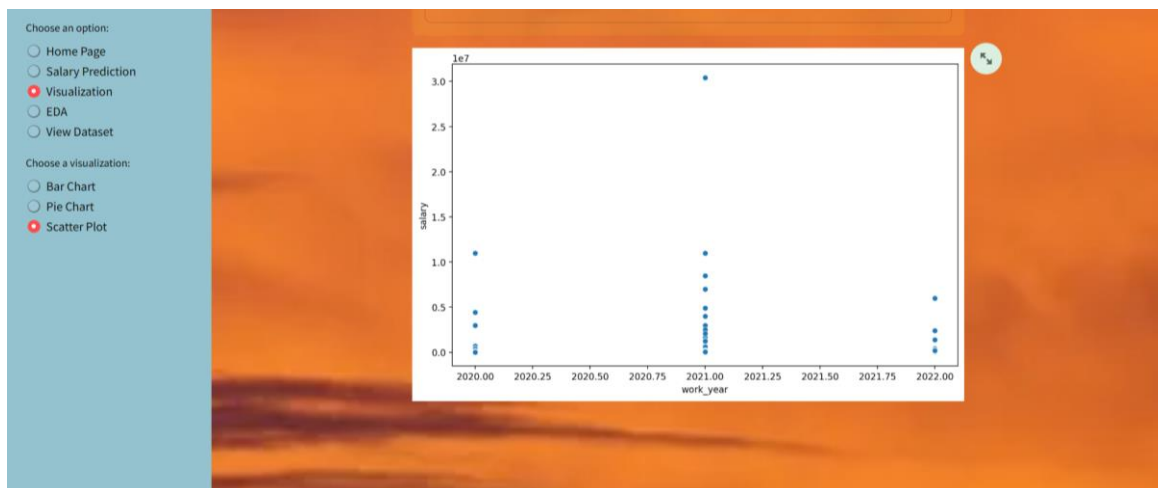
### OUTPUT:

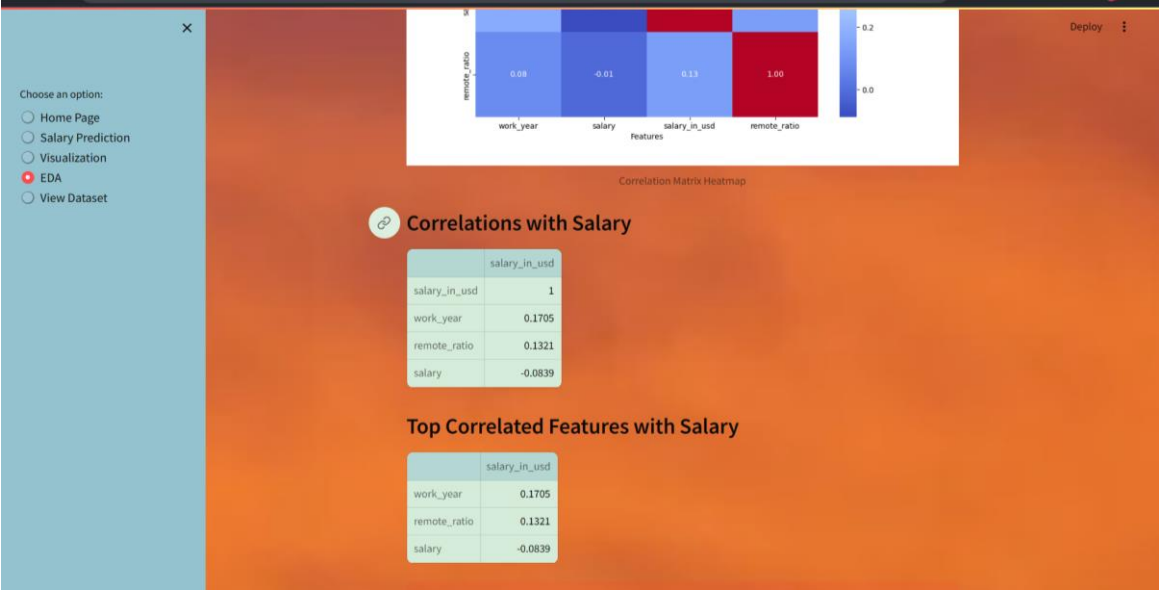
A screenshot of an Anaconda Prompt window titled 'Anaconda Prompt - streamlit'. The terminal shows the command '(base) C:\Users\Vasanth>streamlit run main3.py' and its output: 'You can now view your Streamlit app in your browser.', 'Local URL: http://localhost:8501', and 'Network URL: http://192.168.0.102:8501'.

```
Anaconda Prompt - streamlit × + -
(base) C:\Users\Vasanth>streamlit run main3.py
You can now view your Streamlit app in your browser.
Local URL: http://localhost:8501
Network URL: http://192.168.0.102:8501
```









×

Choose an option:

○ Home Page

○ Salary Prediction

○ Visualization

○ EDA

●

View Dataset

Salary Prediction

Deploy

View Dataset

	work_year	experience_level	employment_type	job_title	salary	salary_currency
2	2,020	SE	FT	Big Data Engineer	85,000	GBP
3	2,020	MI	FT	Product Data Analyst	20,000	USD
4	2,020	SE	FT	Machine Learning Engineer	150,000	USD
5	2,020	EN	FT	Data Analyst	72,000	USD
6	2,020	SE	FT	Lead Data Scientist	190,000	USD
7	2,020	MI	FT	Data Scientist	11,000,000	HUF
8	2,020	MI	FT	Business Data Analyst	135,000	USD
9	2,020	SE	FT	Lead Data Engineer	125,000	USD
10	2,020	EN	FT	Data Scientist	45,000	EUR
11	2,020	MI	FT	Data Scientist	3,000,000	INR