Introduction

I collected dataset for my project from kaggle - https://www.kaggle.com/datasets/shubh0799/churn-modelling

The dataset is the details of the customers in a company.

This is my first project of data analysis. I just completed my data analysis course so I want practice on my own so I made this project using python. I tried my best to understand the patterns.

Conclusion

From 1st graph

1. The customer churn rate in France is not high, and the customer churn rate in Germany is high.
2. Female customers churn at a higher rate than male customers.
3. Most customers have 1 or 2 products, and customers with 1 product have higher churn rate
4. The majority of customers have credit cards, and there seems to be no difference in the churn rate of customers without credit cards and those with credit cards.

From 2nd graph

1. Customer churn seems to have little to credit score
2. Older customers are more likely to churn than younger customers
3. Customers with larger bank balances are churning
4. Customers churn has little to do with estimated salary