

Rishaw Kumar

Data Science & Machine Learning Professional

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Experience in developing Machine and Deep Learning models to solve challenging business problems using data analytics and predictive modeling. Experience in developing software products and adept at analyzing, authenticating and modelling data to solve real-world problems.

EDUCATION

- **B.Tech in Computer Science**
APJ Abdul Kalam Technical University
08/2019 - 05/2023 Greater Noida
Score
- Cgpa- 8.38]

PERSONAL PROJECTS

Directing Customers To Subscription (06/2021 - 06/2021)

- In this case study I worked on a fintech company dataset that wants to provide it's customers with a paid mobile app subscription . To attract customers, the company releases a free version of their app with some of the main features unlocked. The task is to identify which users will most likely NOT enroll in the paid product, so that additional offers can be given to them.
- Used Logistic Regression, K-fold Cross Validation and for Model Tuning I used Grid Search.
- Our efforts has given us a model that will label every new user as "highly likely" (or "unlikely") to subscribe. Further we can validate our results by running our predictions on daily new installs, and see whether our accuracy is consistent. From there, we can narrow our marketing efforts only to those users who are "unlikely" to subscribe, and thus increase the subscription rate.
- https://github.com/rishawsingh/Directing_Customers_To_Subscription

Youtube Text Data Analysis (07/2021 - 07/2021)

- The aim of this project was to perform sentimental analysis on the comments, emoji used, likes, views and dislikes on the youtube videos.
- Analysis of the trending tags on YouTube.
- Worked on Pandas, Numpy, Matplotlib, Seaborn.
- https://github.com/rishawsingh/youtube_text_data_analysis

Credit Card Fraud Detection (06/2021 - 06/2021)

- In this project I used a dataset with real anonymous transactions history to build a fraud detection system. The job was to tell apart those transactions that came from the real users who actually own credit card from those who have stolen credit cards.
- Because majority of users were non-fraudulent it was harder to detect underlying patterns in the information available.
- Used different sampling techniques and different metrics, used stack of dense layers.
- Built a classifier which determined the output and labelled it as 0 if transaction is non-fraudulent and 1 if transaction is fraudulent.
- https://github.com/rishawsingh/Credit_Card_Fraud

Churn Prediction (07/2021 - 07/2021)

- Used the features provided in the dataset of 10,000 and built an Artificial Neural Network (ANN) and trained it in order to find out whether the customer is going to exit the bank or not.
- The ANN model predicted the results with accuracy of 86.05% with 279 errors.
- https://github.com/rishawsingh/Churn_Modelling

SKILLS



ACHIEVEMENTS

Ranked under top 2% in Round 1 of Data Science Competition held by Capegemini Tech Challenge 2021.

Achieved LinkedIn Skill Assessment badge for Python Programming Language, Machine Learning and C Programming Language.

CERTIFICATES

Awarded certificate from hackerrank for scoring highest in the python basic exam. (06/2021 - 06/2021)

Completion Certificate for Machine Learning and Deep Learning in Python - Udemy (07/2021 - 07/2021)

Processing Data with Python - Coursera (06/2020 - 06/2020)

Using Python to Access Web Data - Coursera (06/2021 - 06/2020)

Completion Certificate for SQL Masterclass: SQL for Data Analytics - Udemy (08/2021 - 08/2021)

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

