Rituparna Sharma

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Profile

Dedicated and motivated engineering graduate seeking employment with a company or institution that offers me a consistently positive atmosphere to learn new technologies and implement them for the betterment of the organization.

Skills

Python
Numpy, Pandas, Sklearn, Matplotlib, Seaborn, Nltk

Machine Learning, Deep Learning, NLP,CNN

Data Analysis
Matplotlib, seaborn, plotly, PowerBi

Web Technology
Html, Css, React(Basic)

SQL
Mysql,sqllite3

OpenCv

Awards and Achievements

Winner of Sentiment Analysis Hackathon 🔗
GreyAtom
2020 Jun

Winner of Credit Consumption Prediction Hackathon 🔗
GreyAtom
2020 Mar

Organized inter college Gaming Competition in College Techfest

Certified Big Data Expert
Edureka

Participated in the Raspberry Pi Workshop held in IIT Guwahati organized by HT India Labs.

Won 1st prize in intra college cricket tournament.

Projects

Customer Life Time Value Prediction 🔗
2020 Jun – 2020 Jun
- Create various customer segments with **k-means** Clustering algorithm. These segmentations would allow for targeted marketing activities and sales promotions.
- Create a **Regression model** to predict calculated customer lifetime value.
- Predict the revenue generated from the customer with the help of **Time Series** Analysis.

Predicting The Popularity of News Articles 🔗
2020 Aug – 2020 Aug
- Created a model that predicts the popularity of a newspaper article.
- Scrapped articles from different newspapers using **Beautiful Soup**.
- A fully connected sequential **neural network** was used to predict the popularity of the articles.

Text Summarization of Article 🔗
2020 Nov – 2020 Nov
- This project is used to build a model on sentiment summation. This model uses the **Hugging Face Transformer library** to run extractive summaries. The advantage of using this model is the **computation time** and performance due to its **smart batching technique**.

Education

Data Science Masters Program
GreyAtom 🔗
2019 Oct – 2020 Aug

B.tech(Computer Science and Engineering)
Assam Science and Technology University
2015 Aug – 2019 Jun

Publications

A Survey on Twitter Sentiment Analysis 🔗
International Journal of Computer Sciences and Engineering
2018 Nov