UJJWAL CHOWDHURY

Data Scientist, Research Analyst

@ u77w41@gmail.com 📞 (+91) 8768686849 in www.linkedin.com/in/u77w41 ⬡ github.com/u77w41

WORK EXPERIENCE

AI Researcher
Vista Intelligence Private Limited

📅 January 2023– Present 📍 Park St, Mullick Bazar,Kolkata,700016

- Led NLP team at Vista Intelligence.
- Developed multimodal Market Signal Generation Model, pioneered Annual Report Analysis tool..

SUMMER PROJECT

Why do people invest? An explainable multitasking approach for affective analysis of customer reviews related to financial investments
Supervisor: Dr. Sriparna Saha, Associate Professor, IIT Patna

📅 August 2022 – January 2023 📍 Indian Institute of Technology Patna

COMPLETED PROJECTS

BRAIN TUMOUR CLASSIFICATION
Domain: Computer Vision

📅 April 2022 – July 2022

- Used Transfer Learning and Fine-tuned several pre-trained models.
- Experimented with various optimizers.

SALES FORECASTING AND ANOMALY DETECTION ON WALMART SALES DATASET
Domain: Machine Learning, Time Series Analysis, Deep Learning

📅 February 2022 – June 2022

- Used Factor Analysis for feature extraction.
- Concepts of time series, machine learning, and deep learning are used to predict future sales.
- Used unsupervised techniques to detect the anomalies.

STATISTICAL ANALYSIS OF DIET, EXERCISE AND FITNESS
Domain: EDA, Data Visualization, Data Analysis

📅 October 2021 – January 2022

- Collected data using online surveys at different times.
- Used PowerBI, Tableau, Excel, R, and Pyhton for analysis.

ACHIEVEMENTS

- Placed second out of 644 teams in a Deep Learning Competition, organized by IIEST, Shibpur in 2023.
- Published two pypi packages with more than 3000 download each.
- Kaggle Expert in three formats.

EDUCATION

MSc in Big Data Analytics
RKMVERI

📅 Sept 2021 – Jul 2023 CGPA: 6.94

B.Sc - Mathematics and Computer Science
Silda CS College

📅 Jul 2017 – Jul 2020 CGPA: 6.72

HIGHER SECONDARY
Belpahari SC High School

📅 Aug 2015 – Jun 2017 Percentage: 78%

SECONDARY
Belpahari SC High School

📅 Feb 2014 – Jun 2015 Percentage: 89.7%

SKILLS

Machine Learning Deep Learning
NLP Computer Vision DBMS
Statistical Analysis Data Mining
Time Series Forecasting
Optimization for Machine Learning

TOOLS

Python R SQL LaTeX Excel
Scikit-learn PyTorch TensorFlow

CERTIFICATIONS

- NISM-Series-XV: Research Analyst (SEBI)
- Cloud Computing and Distributed Systems (NPTEL)
- Deep Learning for Computer Vision (NPTEL)
- Data Base Management System (NPTEL)
- Artificial Intelligence (AI) for Investments (NPTEL)

INTERESTS

Yoga Meditation Computers