ABIR DAS

PERSONAL INFORMATION

My Portfolio
abirdas2048@gmail.com
github.com/aBiR1D
linkedin.com/in/abirhere

Jamalpur, Bardhhaman, West Bengal
+91 - 7362918909

EDUCATION

Master of Operational Research,
University of Delhi
Graduated: 2023
CGPA: 7.1

B.Sc. Statistics (Honours),
University of Calcutta
Graduated: 2020
CGPA: 6.64

IT SKILLS:

Python, Machine Learning, Power BI, Git & GitHub, Generative AI, Statistical Analysis,
Data Analysis, Regression, Forecasting, Trend Identification, Excel, SQL, Alteryx, Presentation

SOFT SKILLS:

Root Cause Analysis, Attention to Details, Active Listening, Team Collaboration, Empathy and Negotiation, Active Listening, Active Communication

SUMMARY

Recent graduate with a Master's in Operational Research and a B.Sc. in Statistics, proficient in Python, machine learning, and data analysis. Completed certifications in machine learning and data analytics from Stanford University and Google. Developed predictive models and data-driven solutions through academic projects, achieving high accuracy rates. Strong communicator with experience in tutoring, capable of simplifying complex concepts and collaborating effectively in team settings.

PROFESSIONAL EXPERIENCE

Question and Answer Expert
Chegg India Pvt. Ltd. (Nov 2021 - Dec 2022)

- Submitted detailed solutions to queries from international students.
- Ensured compliance with Chegg's honor code through rigorous answer vetting; maintained an average answer quality score of 98%, contributing to increased user trust and platform credibility.
- Provided timely responses to student inquiries, ensuring customer satisfaction.
- Collaborated with a team of experts to address complex academic questions efficiently.

CERTIFICATIONS

Machine Learning
Stanford University – Coursera, February 2021

Python
Kaggle, November 2021

Google Data Analytics Professional Certificate
Coursera, May 2022

PROJECTS

Stroke Prediction

- Developed a predictive model to identify stroke risk in patients leveraging Catboost and LightGBM for managing categorical data.
- Achieved accuracy rates of 94% and 95% respectively in stroke prediction.

Prediction of Life Expectancy Using Various Risk Factors

- Analysed mortality factors, socioeconomic variables, and other risk factors affecting life expectancy across demographic groups.
- Utilized interactive visualizations and established a regression model through multiple linear regression techniques, incorporating data spanning from 2000 to 2015 for global country analysis.

Portfolio Management Application: A Tkinter and SQLite3 Solution

- Leveraged Python and Tkinter for interface design; utilized SQLite3 for robust data management.
- Enabled efficient portfolio customization and management through intuitive navigation and interactive features.
- Demonstrated proficiency in software development, database operations, and user-centric design.

Advanced Conversational AI Chatbot Using OpenAI API

- Engineered an advanced chatbot utilizing Python and OpenAI's GPT-3, focusing on delivering personalized user interactions and responses.
- Leveraged OpenAI's API for natural language understanding and processing, enabling the chatbot to engage in human-like conversations across various topics.
- Successfully implemented a chatbot that enhances user experience through intelligent dialogue, significantly improving customer service efficiency and engagement.

ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES

Invited Speaker - GIDS 2023 (April 2023)

- Presented on "Pybandit: A Website Optimization Framework for E-commerce SMBs" addressing the challenges faced by businesses with low traffic setups and minimizing revenue loss.
- Discussed the benefits and drawbacks of conventional approaches, emphasizing the application of the Multi-armed bandit algorithm to optimize performance.