

PERSONAL INFORMATION

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Jamalpur, Bardhaman, West Bengal
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EDUCATION

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

B.Sc. Statistics (Honours),
Surendranath College, University of
Calcutta
Graduated: 2020
Percentage: 63.12%

WBCHSE XII (PCM + STAT), Burdwan
Municipal High School, East
Bardhaman
Graduated: 2016
Percentage: 84.2%

WBBSE X, Jamalpur High School,
Jamalpur
Graduated: 2014
Percentage: 94.57%

IT SKILLS

Familiar with: Python, Machine
Learning, PowerBI

Comfortable with: MS Excel, SQL &
Alteryx

ABIR DAS

SUMMARY

Data Scientist with a strong foundation in operational research and statistics from prestigious universities. Proficient in data analytics, backed by hands-on project experience translating statistical insights into tangible solutions. Certified in machine learning and data analytics from Stanford University and Google, equipped to drive business outcomes through data-driven strategies. Skilled communicator with experience as a home tutor, adept at simplifying complex concepts for impactful results.

PROFESSIONAL EXPERIENCE

Question and Answer Expert

Chegg India Pvt. Ltd. (Nov 2021 - Dec 2022)

- Submitted detailed solutions to queries from international students.
- Maintained Chegg’s honor code and consistently achieved high answer quality scores.
- 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.