

Aishik Das

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SUMMARY

Aspiring Data Analyst skilled in Python, SQL, and data tools. Successfully led a Named Entity Recognition project achieving 95% annotation accuracy and improved predictive analytics. Ready to enhance data-driven decision-making to support business growth.

EDUCATION

Guru Nanak Institute of Technology

B. Tech, Information Technology

- GPA: 8.47

Jun 2019 - Jun 2023

Kolkata

Kalyani University Experimental High School

Higher Secondary

- GPA: 68.8%

Jan 2018 - May 2019

Kalyani

WORK EXPERIENCE

iMerit Technology

Gen AI Analyst

Apr 2024 - Present

Kolkata

- Directed a Named Entity Recognition (NER) project that identified and extracted over 150,000 key entities, applying data cleaning techniques.
- Utilized Ango HUB and Appen tools for precise data processing and analysis, executing sentiment analysis, content moderation, and fraud detection, thereby contributing to effective decision-making.
- Achieved over 95% annotation accuracy through rigorous quality checks and data validation, ensuring the delivery of high-quality labeled datasets for business intelligence applications.
- Collaborated with cross-functional teams to refine machine learning algorithms, improving accuracy of predictive analytics.

PERSONAL PROJECTS

India Road Accident Analysis

- The project analyzes road accident data in India to identify patterns, high-risk zones, and causes, using statistical methods and visualizations to support road safety improvements and informed policy decisions. Skills: Python, Data Analysis, Pandas, NumPy, Matplotlib.

Vehicle Message Congestion Control Optimization

Sep 2022 - May 2023

- Developed an algorithm to enhance road safety by prioritizing alert messages. Prevented dashboard congestion due to unnecessary messages. Integrated the system with TA, RSU and OBU.

SKILLS

- **Data Analysis:** Data Cleaning & Preprocessing, Data Interpretation, Data Annotation, Data Warehousing
- **Programming:** Python, SQL
- **Data Libraries:** Pandas, NumPy, Matplotlib, Seaborn
- **BI & Reporting Tools:** ANGO Hub, Jupyter Notebook, Pycharm, Microsoft Excel, Power BI, AWS Sagemaker
- **Development Practices:** OOPS, Software Development Methodologies, DSA, ETL
- **Soft Skills & Collaboration:** Collaboration, Adaptability, Quick Learner

CERTIFICATES

- **Data Analytics Course:** Physics Wallah (03/2025 - Present)
- **Data Warehousing Workshop (Badge 1):** Snowflake (06/2025 - Present)
- **Google Data Analytics Professional Course**
- **Data Analytics Course - Udemy**

PUBLICATIONS

- Vehicle Message Congestion Control Optimization.. Research Paper (09/2022 - 05/2023) <https://jseepublisher.com/wp-content/uploads/21JSEE2341.pdf>

LANGUAGES

- English (Full Professional Proficiency)
- Bengali (Native or Bilingual Proficiency)
- Hindi (Professional Working Proficiency)
- Spanish (Beginner)