

PARTHA DEY

Kolkata, West Bengal, India

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OBJECTIVE

Self-motivated Data Analyst with a strong foundation in Python, SQL, and Power BI. Passionate about data analytics, ETL processes, and creating data-driven insights. Experience in data visualization, dashboard creation, and data manipulation using industry-standard tools. Adept at collaborating with teams to develop analytics solutions that drive business decisions.

WORK EXPERIENCE

Brainwave Matrix Solutions

Mar 2025 - Present

Data Science/Data Analytics Internship

Noida, Uttar Pradesh, India

- Developed and optimized ETL pipelines using Python, SQL, and Pandas for data transformation.
- Created interactive dashboards in Power BI to visualize key business insights.
- Conducted exploratory data analysis (EDA) and implemented machine learning models to derive insights.
- Assisted in model integration using AWS cloud services (S3, Lambda, EC2).
- Documented analytics workflows to ensure seamless knowledge transfer.

WebGuru Infosystems

Nov 2024 - Feb 2025

AWS Solution Architect Internship

Kolkata, West Bengal, India

- Designed scalable cloud architectures using AWS (EC2, S3, Lambda, Elastic Beanstalk).
- Optimized data storage solutions for analytics workloads, improving system performance.
- Assisted in cost estimation, cloud deployment, and architecture documentation.

PROJECTS

Diwali Sales Prediction

Feb 2025 - Apr 2025

<https://github.com/Parthadee/Diwali-Sales-Analysis-Prediction.git>

- Built an ETL pipeline for data extraction, transformation, and loading using Python and SQL.
- Developed a Power BI dashboard for sales trend analysis.
- Applied predictive analytics to optimize sales strategies.

Research in AI IN HEALTHCARE OF HEART DISEASE

Aug 2024 - Jan 2025

<https://github.com/Parthadee/AI-in-Healthcare-of-Heart-Disease.git>

- Implemented ML models with Scikit-learn, PyTorch, and TensorFlow achieving 89.4% accuracy.
- Used Python (Pandas, NumPy, Matplotlib, Seaborn) for data preprocessing and visualization.
- Designed a cloud-hosted API for real-time model inference.

SKILLS

- **Technical Skills:** Python, SQL, VBA, Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, Advance Excel, PowerBI, Alteryx(Learning), AWS(EC2, S3, Lambda, Elastic Beanstalk), Operating System
- **Management Skills:** Leadership, Team Management, Communication Skills, Problem-solving, Project Management

EDUCATION

Brainware University

Aug 2023 - Present

Master of Computer Application

Kolkata, West Bengal, India

- **GPA:** 8.32/10

Narula Institute of Technology

Aug 2018 - Jul 2021

Bachelor of Technology, Civil Engineering

Kolkata, West Bengal, India

- **GPA:** 7.64/10

Narula Institute of Technology

Sep 2015 - Sep 2018

Diploma in Engineering, Civil Engineering

Kolkata, West Bengal, India

- **GPA:** 7.0/10

CERTIFICATIONS

- **Data Analytics Certification (2024):** Gained proficiency in data visualization and analytics using PowerBI and Excel.
Link: https://drive.google.com/file/d/14dUKS1jTwuHpmJNcp5WgeLclIO8k2tLi/view?usp=drive_link
- **SQL Certification (2023):** Advanced understanding of database management and query optimization.
Link: https://drive.google.com/file/d/1isk0jYL3hatY03ZlGvyqBSJJUKejMJxk/view?usp=drive_link
- **AWS Solutions Architecture Certificate:** Gained proficiency in cloud architecture, AWS services, and scalable solutions design.
Link: https://drive.google.com/file/d/1Dn2-1euqg3r7P6bk-cplDIK9Bsw0989z/view?usp=drive_link