

PARTHA DEY

Kolkata, West Bengal, India

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OBJECTIVE

Aspiring Data Analyst with expertise in Power BI, SQL, and Python. Passionate about creating impactful visualizations that drive data-driven decision-making. Skilled in developing dashboards, automating reports, and integrating business intelligence solutions to provide key insights for stakeholders. Seeking to leverage my analytical skills in a dynamic environment.

WORK EXPERIENCE

Brainwave Matrix Solutions

Mar 2025 - Present

Data Analyst Intern

Noida, Uttar Pradesh, India

- Developed interactive Power BI dashboards to help business teams analyze KPIs and make data-driven decisions.
- Optimized SQL queries for efficient data extraction and transformation for large datasets.
- Automated reports using Python and Excel macros to improve efficiency.

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.
- AI in Healthcare: Predictive Analytics for Heart Disease
- Added visualization techniques to display predictive models in Power BI.

SKILLS

- **Technical Skills:** Python, SQL, SQL Server Integration Services (SSIS), Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, Advance Excel, Power BI (DAX, Data Modeling, Report Development), AWS(EC2, S3, Lambda, Elastic Beanstalk), Operating System, CI/CD (GitHub, Jenkins), Business Intelligence (BI) Reporting, Scrum & Agile Development
- **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/1isk0jYL3hatY03ZIGvyqBSJJUKejMJxk/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