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 & Analytics Intern   *Noida, Uttar Pradesh, India*
- Assisted in testing ETL pipelines using Python and Excel to ensure data integrity.
- Automated data cleaning workflows using Python (Pandas, NumPy) to enhance efficiency.
- Created interactive dashboards using Power BI to visualize business performance.
- Worked in an Agile environment, participating in sprint planning and code reviews.

WebGuru Infosystems   **Nov 2024 - Feb 2025**
AWS Solution Architect Internship   *Kolkata, West Bengal, India*
- Performed unit testing on cloud-based applications to validate AWS architecture.
- Deployed cloud-based AI solutions on AWS (EC2, S3, Lambda).
- Assisted in migrating data from on-premise to AWS cloud storage (S3)
- Explored serverless computing (AWS Lambda) for data transformation tasks.

SKILLS

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

PROJECTS

Diwali Sales Prediction   **Feb 2025 - Apr 2025**
https://github.com/Parthadee/Diwali-Sales-Analysis-Prediction.git   *Noida, Uttar Pradesh, India*
- Built an ETL pipeline for data extraction, transformation, and loading using Python and SQL.
- Implemented unit testing in Python to validate data preprocessing pipelines.
- Designed automated test scripts to verify Power BI dashboard accuracy.
- Applied predictive analytics to optimize sales strategies.

Research in Heart Disease Prediction Using AI (Computer Vision)   **Aug 2024 - Jan 2025**
https://github.com/Parthadee/AI-in-Healthcare-of-Heart-Disease.git   *Kolkata, West Bengal, India*
- Implemented ML models with Scikit-learn, PyTorch, and TensorFlow achieving 89.4% accuracy.
- Used Python (Pandas, NumPy, Matplotlib, Seaborn) for data preprocessing and visualization.
- Conducted statistical analysis and error estimation to validate AI model performance
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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**: 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**: 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-cplDIK9Bswo989z/view?usp=drive_link