PARTHA DEY

Kolkata, West Bengal, India

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OBJECTIVE

Aspiring Data Engineer with a strong foundation in Python, SQL, and cloud technologies. Experienced in designing and optimizing data pipelines, integrating multiple data sources, and leveraging ETL techniques to ensure data quality. Passionate about transforming raw data into actionable insights through data visualization tools such as Power BI and Tableau. Seeking an opportunity to apply analytical and problem-solving skills in a collaborative environment.

WORK EXPERIENCE

Brainwave Matrix Solutions | *Data Analyst Intern*   **Mar 2025 - Present**
- Developed SQL queries to extract, transform, and load (ETL) large datasets.
- 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 | *AWS Solution Architect Internship*   **Nov 2024 - Feb 2025**
- Designed and optimized AWS-based data pipelines for efficient data ingestion.
- Assisted in migrating data from on-premise to AWS cloud storage (S3).
- Implemented Python scripts for ETL processes, improving data accuracy and integrity.
- Explored serverless computing (AWS Lambda) for data transformation tasks.

SKILLS

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

PROJECTS

Diwali Sales Prediction   **Feb 2025 - Apr 2025**
https://github.com/Parthadee/Diwali-Sales-Analysis-Prediction.git
- Built ETL pipeline using Python to process transactional sales data.
- Stored and queried structured data in AWS Redshift for analysis.
- Developed Power BI dashboards for visualization of sales trends.

Research in AI IN HEALTHCARE OF HEART DISEASE   **Aug 2024 - Jan 2025**
https://github.com/Parthadee/AI-in-Healthcare-of-Heart-Disease.git
- Used Google Cloud BigQuery to analyze patient records.
- Designed SQL-based data pipelines for machine learning predictions.
- Integrated QuickSight to present insights on disease risk factors.

EDUCATION

Brainware University   **Aug 2023 - Present**
Master of Computer Application (GPA: 8.32/10)   *Kolkata, West Bengal, India*

Narula Institute of Technology   **Aug 2018 - Jul 2021**
Bachelor of Technology, Civil Engineering (GPA: 7.64/10)   *Kolkata, West Bengal, India*

Narula Institute of Technology   **Sep 2015 - Sep 2018**
Diploma in Engineering, Civil Engineering (GPA: 7.0/10)   *Kolkata, West Bengal, India*

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
- **Power BI Job Simulation - pwc**: Gained proficiency in data visualization using PowerBI and Excel.
  Link: https://drive.google.com/file/d/1yazKD5o_unsfyxmIXV4WZHHw3iugQyT9/view?usp=drive_link