



PARTHA DEY



SUMMARY

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.



CONTACTS

+91-9062681888
@ parthakrde@gmail.com
<https://www.linkedin.com/in/parthakrdey>
<https://github.com/Parthadee>
Kolkata, West Bengal, India



SKILLS

Programming & Scripting

Python · SQL

Libraries:

Pandas · Numpy · Matplotlib · Seaborn ·
Scikit-learn

Data Visualization:

Microsoft PowerBI · Tableau · Alteryx

Spreadsheet Software

Excel · VBA

Cloud

AWS (EC2 · S3 · Lambda · Elastic Beanstalk)

Behavioral Skills

Leadership · Team Player · Adaptability ·
Problem-Solving · Strong Communication



CERTIFICATIONS

• Data Analytics Certification (2024)

https://drive.google.com/file/d/14dUKS1jTwwHpmJNcp5WgeLcllO8k2tLi/view?usp=drive_link

• SQL Certification (2023)

https://drive.google.com/file/d/1isk0jYL3hatY03ZlgvyqBSJJUKejMJxk/view?usp=drive_link



EXPERIENCE

Brainwave Matrix Solutions

Noida, Uttar Pradesh

Data Science & Analytics Intern

03/2025 - 05/2025

- Conducted secondary research and data validation using Python and Excel for ETL pipeline testing
- Developed interactive Power BI dashboards to visualize operational KPIs for business stakeholders
- Automated data preprocessing workflows using Pandas and NumPy to increase efficiency by 30%
- Worked in an Agile environment, participating in sprint planning and code reviews

WebGuru Infosystems Pvt. Ltd

Kolkata, West Bengal

AWS Solution Architect Internship

11/2024 - 02/2025

- Migrated data from on-premise systems to AWS S3 with focus on accuracy and data compliance
- Deployed AI-based solutions using AWS EC2, Lambda, and Elastic Beanstalk
- Conducted unit tests on cloud deployments to validate scalability and architecture standards



PROJECTS

Diwali Sales Prediction

02/2025 - 04/2025

Noida, Uttar Pradesh, India

- Designed ETL pipeline using Python and SQL to support data-driven marketing strategy
- Performed automated validation and testing to ensure dashboard data integrity in Power BI
- Provided actionable insights through predictive modeling to support business growth

Research in Heart Disease Prediction Using AI (Computer Vision)

08/2024 - 01/2025

Kolkata, West Bengal, India

- Built predictive models using Scikit-learn and PyTorch with 89.4% accuracy
- Explored deep learning classification techniques using PyTorch for computer vision-based health analysis
- Used Python (Pandas, NumPy, Matplotlib, Seaborn) for feature engineering and model visualization
- Validated performance using cross-validation, ROC-AUC metrics, and model explainability



EDUCATION



Brainware University

Kolkata, West Bengal

Master of Computer Application

08/2023 - Present

GPA | 8.32 / 10.0



Narula Institute of Technology

Kolkata, West Bengal

Bachelor of Technology

08/2018 - 07/2021

GPA | 7.45 / 10.0