PARTHA DEY

Kolkata, West Bengal, India

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https://github.com/Parthadee |

OBJECTIVE

Detail-oriented and analytical postgraduate (MCA) with strong documentation, compliance, and data validation skills. Eager to apply my academic background and internship experience in a Title Search or Real Estate Documentation Analyst role. Strong aptitude for legal data review, accuracy checks, and timely reporting aligned with client and jurisdictional requirements.

WORK EXPERIENCE

Brainwave Matrix Solutions   **Mar 2025 - May 2025**
Data Science & Analytics Intern   *Noida, Uttar Pradesh, India (Remote)*
- Verified and validated datasets using Python and Excel for reporting integrity
- Automated compliance checks on structured data to enhance process accuracy.
- Delivered timely dashboards with clean documentation for internal stakeholders.
- Participated in daily agile updates, peer reviews, and QA sessions.

WebGuru Infosystems Pvt. Ltd.   **Nov 2024 - Jan 2025**
AWS Solution Architect Internship   *Kolkata, West Bengal, India*
- Migrated records to AWS S3 ensuring accuracy and completeness.
- Performed documentation reviews before deployment to meet compliance.
- Collaborated with cross-functional teams for architecture verification and validation.

PROJECTS

Diwali Sales Prediction | https://github.com/Parthadee/Diwali-Sales-Analysis-Prediction.git   **Feb 2025 - Apr 2025**
- 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)   **Aug 2024 - Jan 2025**
https://github.com/Parthadee/AI-in-Healthcare-of-Heart-Disease.git
- 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.

SKILLS

- **Technical Skills**: Python, Libraries (Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn), SQL (MySQL, PostgreSQL, MongoDB), PowerBI, Alteryx, MS(Excel, Word), VBA, AWS (EC2, S3, Lambda, Elastic Beanstalk), Operating System
- **Document Review & Compliance**: Legal document analysis, Attention To Detail, Data Verification, Jurisdictional Compliance
- **Soft Skills**: Analytical Thinking, Critical Reasoning, Communication Skills(verbal & written), Problem-solving, Independent Task Execution, Teamwork
- **Other Competencies**: Data Entry, Performance Monitoring, Error-checking, Timely Reporting

EDUCATION

Brainware University   **Aug 2023 - Present**
Master of Computer Application   *Kolkata, West Bengal, India*
- **GPA:** 8.42/10

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/14dUKS1jTwuHpmJNcp5WgeLc1IO8k2tLi/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/1GXKnqjGXxqUqDPna2a2LDgIb2E21eXEc/view?usp=sharing