PARTHA DEY

Kolkata, West Bengal, India

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Github Profile

SUMMARY

Data Analyst with a strong foundation in data analysis and a passion for uncovering insights through exploratory data analysis. Completed several projects focused on analyzing data sets to identify trends, patterns, and opportunities for optimization. Eager to leverage analytical skills in a dynamic environment to support data-driven decision-making and uncover valuable business insights.

EDUCATION

Brainware University   **Aug 2023 - Jul 2025**
Master of Computer Applications   *Kolkata, West Bengal, India*
  • **GPA:** 8.33/10.0

Narula Institute of Technology   **Sep 2018 - Jun 2021**
Bachelor of Technology, Civil Engineering   *Kolkata, West Bengal, India*
  • **GPA:** 7.46/10.0

SKILLS

  • **Programming Languages**: Python, SQL
  • **Frameworks**: Pandas, NumPy, Scikit-Learn, Matplotlib, BeautifulSoup, Seaborn
  • **Tools**: Power BI, Excel(Advance), MySQL, PostgreSQL, AWS(EC2, S3, Lambda)
  • **Analytical Skills**: Data Analysis, Quantitative Analysis, Data Visualization, Business Intelligence, Data Manipulation, Machine Learning, Data Storytelling
  • **Platforms**: PyCharm, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA
  • **Soft Skills**: Strong Stakeholder Management, Excellent Communication, People Management, Self-Discipline, Proactive mindset

EXPERIENCE / INTERNSHIP

Brainwave Matrix Solutions   **Mar 2025 - May 2025**
Data Analytics Intern   *Noida, Uttar Pradesh, India (Remote)*
  • Developed and deployed predictive analytics models using Python and SQL, resulting in a 10% reduction in inventory costs.
  • Led comprehensive data analysis across 10+ product categories using Power BI and Excel, achieving 15% improvement in reporting efficiency.
  • Performed customer segmentation and sales forecasting using SQL and Excel analytics, enhancing targeted marketing strategies and customer engagement.
  • Mentored team members and created detailed documentation for analytics processes, improving team productivity and project consistency.

PERSONAL PROJECTS

Diwali Sales Analysis & Dashboard | https://github.com/Parthadee/Diwali-Sales-Analysis-Prediction   **Apr 2025 - May 2025**
  • Performed exploratory data analysis on Diwali sales data to identify customer segments and top-selling products, generating actionable business insights.
  • Created an interactive Power BI dashboard to support revenue growth and inventory management strategies.
  • Data cleaning and visualization techniques were implemented using Pandas, Seaborn, and Matplotlib.

Twitter Tone Analyzer | https://github.com/Parthadee/Social-Media-Sentiment-Analysis   **Mar 2025 - Apr 2025**
  • Developed a real-time sentiment analysis system for social media data using Python with Pandas and NumPy for data processing.
  • Created interactive sentiment analysis dashboards in Power BI with dynamic visualizations using Matplotlib and Seaborn.
  • Delivered actionable insights on customer sentiment trends to support marketing strategies and brand reputation management.

Research in Heart Disease Prediction Using AI | https://github.com/Parthadee/Disease-Analyzing.git   **Aug 2024 - Jan 2025**
  • Created a Random Forest classifier in Python to predict heart disease from clinical data with 93% accuracy.
  • Use Power BI dashboards to visualize predictions and key health indicators.
  • Early diagnosis insights have been made available to help with healthcare interventions.

CERTIFICATIONS

  • **Mastering Machine Learning (Feb, 2025)**: Advanced training in machine learning techniques and their applications
  • **Data Analyst Certification (May, 2025)**: Certifies proficiency in data analysis tools and methodologies

Languages

  • English (Proficient)