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Adrsh Pandey

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DATA ANALYST

Data Analyst | Data Scientist

Proficient in leveraging data analysis, SQL, and Python to uncover insights and create impactful solutions. Experienced in developing interactive dashboards using Tableau and Power BI to translate complex data into actionable business strategies. Skilled in machine learning, feature engineering, and exploratory data analysis, driving data-informed decision-making and innovation. Passionate about cleaning and transforming data into meaningful insights that align with organizational objectives and enable efficient, strategic growth.

PROFESSIONAL SKILLS

- **Languages**: Python, SQL, R
- **Data Analysis Tools**: Tableau, Power BI, Excel
- **Technologies & Frameworks**: Pandas, NumPy, Matplotlib, PyTorch, Keras, Databricks, Airflow, A/B Testing
- **Database Management**: MySQL, NoSQL
- **Developer Tools**: VS Code, GitHub
- **Additional Skills**: Data Cleaning, Feature Engineering, Exploratory Data Analysis (EDA), Machine Learning, Deep Learning, Power Automate, CI/CD Pipelines, Hive

PROJECTS

Delivery Time Prediction ⬀ | *Jupyter Notebook, Python, PowerShell, CI/CD Pipelines*
- Built predictive models with 85% accuracy to estimate Swiggy order delivery times.
- processed and analyzed 1 million+ rows of data, identifying key features affecting delivery times.
- Utilized data analysis and machine learning techniques to enhance prediction accuracy.
- Implemented automated CI/CD pipelines for model deployment, ensuring seamless updates and real-time predictions, reducing deployment time by 10%.

Flight Analytics Dashboard ⬀ **|** *SQL, Python, Streamlit*
- Developed and optimized an SQL-based flight Dashboard system, improving query execution time by 30% through efficient database design.
- Implemented over 10 complex SQL queries to manage and filter flight data, enhancing user interaction and system performance.
- Integrated a search filter that reduced query processing time by 25%, improving user experience

Hospital Emergency Room Dashboard ☐ | *Power BI*

- Developed a Hospital Emergency Room Dashboard in Power BI that visualized over 50,000 patient records, analyzing metrics like wait times, admission rates, and satisfaction scores to drive data-informed decisions.
- Enhanced operational efficiency by identifying bottlenecks in patient flow, leading to an estimated 15% improvement in service delivery.
- Built visualizations highlighting key performance indicators (KPIs) such as department referrals and patient demographics, aiding resource allocation across 5+ hospital units.

WORK EXPERIENCE

Skinners Academy - *London, United Kingdom*   04/2024 - PRESENT
Math / Cover Teacher – Part Time
- Created and delivered math curriculum aligned with standards to foster critical thinking and problem-solving skills.
- Tailored lessons to support diverse student needs, providing extra help for struggling students and advanced challenges for gifted learners.
- Utilized performance data to refine instructional approaches, enhancing student learning outcomes across the classroom as Clear Storytelling.

Media Tek Inc. - *Noida, India*   11/2021 - 08/2023
Associate Engineer
- Extracted, cleaned, and analyzed large datasets using SQL and Python, delivering actionable insights that improved business operations by 15%.
- Developed new Power BI dashboards for QA teams to track daily reports and key performance metrics.
- Conducted A/B testing and analyzed user behavior, providing actionable insights that optimized marketing campaign ROI by 25%.
- Designed and implemented interactive dashboards using Power BI, improving data visibility, reducing report generation time by 40%, and enabling real-time tracking of key QA metrics.

EDUCATION

Noida Institute of Engineering collage – *Greater Noida, India*
Bachelor of Technology - EC&E, May 2021

University of Greenwich – *London, United Kingdom*
MSc. In Data Science, Jan, 2025

EXTRACURRICULAR

Coordinator, Annual College Fest
NIET, Noida, India

- Coordinated a multi-event fest, organizing sports competitions including football, cricket, and tennis, involving over 100 participants.
- Managed and facilitated an engineering project presentation segment, providing a platform for students to showcase innovative technical projects.
- Led a team of 30 members to ensure smooth event execution, handling logistics, scheduling, and promotion, which attracted 200 attendees.
- Collaborated with faculty and external sponsors, securing resources and ensuring a successful event.

AWARDS AND HONORS

Dean's List – *Noida institute of engineering collage*   12/2018 and 05/2019
- Completed 12 or more letter-graded units during the quarter with a 7.6 GPA.
- Worked closely with professors and advisors to complete assigned tasks and activities.

Employee of the Year **-** *Media Tek Inc.*   10/2022
- Recognized for outstanding service to clients and dedication to fellow employees.
- Received one of two awards given in a corporation of 1000+ employees.

LANGUAGE COMPETENCIES

- English: fluent (speaking, reading, writing)
- Hindi: Native Language