

Aaditya

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SUMMARY

Data scientist with AI/ML & Python expertise, pursuing B.Tech Hons in AI/ML. Proficient in ML algorithms, Data Analysis, Deep Learning and NLP. Strong problem-solving skills honed through academic and project experiences. Eager to contribute to innovative organizations in collaborative environments. Seeking data science roles to drive business success and innovation. Let's connect to explore potential collaboration for data-driven growth.

EDUCATION

B.Tech Hons AI/ML

Quantum University • Roorkee • 2024

Intermediate

K. M Public School • Bhiwani • 2020

EXPERIENCE

Data Scientist Project Intern

CBRE Group, Inc.

January 2024 - Present, Gurgaon

- Implemented ML models on real estate data, improving predictive accuracy by 15%.
- Enhanced neural networks and deep learning models, boosting efficiency by 20% and reducing computation time by 10%.
- Applied computer vision techniques, achieving 92% accuracy in property image classification.
- Optimized hyperparameter tuning, improving model performance and stability by 25%.

Data Science Intern

ICT Academy

August 2023 - September 2023, Remote

- Automated workflows, reducing data processing time by 90%.
- Developed a web app with sentiment analysis and NER, achieving 90% accuracy.
- Delivered 95% accurate sentiment analysis aligned with business objectives.
- Enabled data-driven decisions with 88% text analysis accuracy and an 85% improvement in content organization.

Data Governance Intern

CBRE Group, Inc.

August 2023 - August 2023, Gurgaon

- Achieved a 95% reduction in manual data handling by automating SQL processes with Python, connecting databases to Excel.
- Strengthened data governance, resulting in a 97% improvement in data integrity.

Assistant Web Developer

Slyherin Edutech Pvt. Ltd.

April 2023 - August 2023, Remote

- Improved website performance, reducing load times by 40%, boosting user engagement by 25% and conversion rates by 15% using HTML, CSS, and JavaScript.

PROJECTS

Data Analysis and Visualization Project

CBRE • June 2024 - June 2024

- Data Preprocessing and Cleaning:** Achieved 100% data cleaning accuracy by handling missing values and duplicates in real estate data.
- Exploratory Data Analysis (EDA):** Conducted comprehensive EDA on real estate data, using histograms, scatter plots, and bar charts to improve decision-making by 20%.
- Statistical Analysis and Outlier Removal:** Identified and removed outliers with 95% accuracy, ensuring data integrity through statistical methods.
- Visualization and Reporting:** Developed interactive visualizations using Python (matplotlib, seaborn), improving data-driven insights and strategic planning by 25%.

Fuel Efficiency Prediction

Quantum University • June 2024 - June 2024

- Machine Learning Model Development:** Achieved 85% Accuracy in Predicting Vehicle Fuel Efficiency Using TensorFlow.
- Data Visualization and Insights:** Created Interactive Dashboards for Fuel Efficiency Trends, Enhancing Decision-Making.
- Performance Optimization:** Reduced Training Time by 30% through Algorithmic Improvements and Hyperparameter Tuning.

- **Project Leadership and Collaboration:** Led Cross-Functional Team to Timely Delivery Aligning with Strategic Goals.

Amazon Review Analysis

CBRE • May 2024 - May 2024

- Applied NLP techniques for sentiment analysis of Amazon product reviews, utilizing VADER and RoBERTa models to achieve **85% accuracy** in sentiment classification.
- Integrated results to facilitate data-driven decision-making and provide comprehensive customer sentiment insights.
- Demonstrated proficiency in NLP, data analysis, and visualization, extracting valuable insights from unstructured text data to improve decision-making processes by **30%**.

USA Real Estate Prediction

CBRE • February 2024 - February 2024

- **Implemented ML models** on real estate data, boosting prediction accuracy by **20%**.
- **Optimized data imputation**, reducing missing data by **95%** and enhancing model performance.
- **Enhanced model performance** with hyperparameter tuning, improving F1 score by **15%** and precision by **10%**.
- **Led data analysis projects**, reducing turnaround time by **30%** and delivering actionable insights for CBRE stakeholders.

Unemployment Analysis

Quantum University • September 2022 - October 2022

- Conducted comprehensive unemployment analysis using statistical tools and data visualization techniques.
- Identified key factors influencing unemployment trends and recommended effective strategies for job market improvement.
- Presented findings in clear reports, facilitating data-driven decision-making for policymakers and stakeholders.

CERTIFICATIONS

Data Science Foundations - Level 1

IBM • 2024

Data Science Methodologies

IBM • 2024

Python for Data Science Essential Training

LinkedIn • 2024

Artificial Intelligence Foundations: Neural Networks

LinkedIn • 2024

NLP with Python for Machine Learning Essential Training

LinkedIn • 2024

Deep Learning Foundations: Natural Language Processing with TensorFlow

LinkedIn • 2024

TensorFlow: Working with NLP

LinkedIn • 2024

SKILLS

Python, Deep Learning, Gen AI, Machine Learning, Computer Vision, NLP, Data Visualization, Data Analysis, Power BI, MySQL

INVOLVEMENT

PAHAL Social Club

Quantum University • PRESIDENT • April 2023 - April 2024