

RAJ JADHAV

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OBJECTIVE

- Detail-oriented and results-driven Data Analyst with a strong foundation in statistical analysis, data visualization, and database management. Adept at utilizing SQL, Python, and Excel to interpret complex datasets, generate actionable insights, and support data-driven decision-making. Seeking to leverage expertise in data mining, predictive modeling, and business intelligence tools like Power BI and Tableau in a dynamic organization to optimize performance and drive strategic growth.

EDUCATION

Savitribai Phule Pune University Master of Computer Application	Oct. 2022 - Mar. 2024 (GPA:pursuing)
Punyashlok Ahilyadevi Holkar Solapur University Bachelor of Computer Application	Oct. 2019 - Mar. 2022 (SGPA:9.32)

SKILLS

Technical Skills:	SQL,Python, R, Excel,Tableau, Statistical Analysis
Soft Skills:	Analytical Thinking, Problem Solving ,Communication
Certifications:	ExcelR / cisco
Development & Tools:	PowerBi, Tableau, Data Visualization, Excel

PROFESSIONAL EXPERIENCE

Data Science Intern <i>Next24Tech Technology And Service</i>	Mar. 2024 - May 2024 <i>Nagpur. Maharashtra</i>
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- **Developed and Implemented** advanced computer vision algorithms for detecting road lane lines in real-time using OpenCV and Python, enhancing autonomous vehicle navigation systems.
- **Collaborated** with a team of software engineers and data scientists to integrate lane detection features into a larger autonomous driving framework.
- **Utilized** machine learning techniques, including convolutional neural networks (CNNs), to improve lane detection accuracy and robustness under varying lighting and weather conditions. Conducted rigorous **testing** and **validation** of the lane detection models, achieving significant improvements in precision and recall metrics.
- **Enhanced** the system's performance by **optimizing** the computational efficiency of **algorithm**, reducing processing time by 30

Data Analytics Intern <i>Mentorness</i>	Mar.2024 <i>Virtual</i>
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- **Developed Game Analysis in SQL.** Conducted comprehensive data analysis on gaming datasets to uncover **trends** and **insights**, utilizing advanced SQL queries. Developed and optimized complex SQL scripts to **aggregate,, filter, and join large datasets**, resulting in actionable insights for game development and marketing strategies. Created detailed reports and visualizations to communicate findings to **stakeholders, enhancing decision-making processes.**
- **Developed Airplane Crash AnalysisPowerBi.**Designed and developed interactive **dashboards** and visual reports to present analysis outcomes, enabling data-driven safety improvements. Utilized Power BI's advanced features, including **DAX** functions and **Power Query**, to **clean, transform, and model** data efficiently.

- **Managed and maintained** the college's ERP system, ensuring smooth and efficient operation across various departments.**Collaborated** with faculty, staff, and IT teams to customize and enhance **ERP** modules to meet specific institutional needs.**Implemented** new features and modules within the ERP system to streamline processes, improve data integrity, and enhance user experience.
- **Conducted** extensive **data analysis** and reporting using **SQL** to support administrative decision-making and optimize resource allocation.
- **Led** the integration of third-party applications with the ERP system, improving functionality and expanding the system's capabilities.
- **Optimized** system performance through regular updates, patches, and performance tuning, reducing downtime and improving efficiency.

PROJECT EXPERIENCE

Road Lane Line Detection

Mar 2024 - May 2024

- Developed a lane detection system using computer vision techniques for autonomous driving and ADAS.Using**Python, OpenCV, NumPy Image Processing, Gaussian Smoothing, Canny Edge Detection, Region Masking, Hough Transform**
- Converted images to gray scale and applied Gaussian smoothing to reduce noise. Implemented Canny Edge Detection to identify edges. Utilized region masking to isolate the area of interest. Applied the Hough Transform to detect lane lines. Marked detected lanes with different colors for clear visualization.

Game Analysis using SQL

MAR 2024

- Conducted comprehensive data analysis on gaming datasets to uncover trends and insights, utilizing advanced SQL queries.
- Developed and optimized complex SQL scripts to aggregate, filter, and join large datasets, resulting in actionable insights for game development and marketing strategies.
- Created detailed reports and visualizations to communicate findings to stakeholders, enhancing decision-making processes.

Airplane Crash Analysis using Power BI

MAR 2024

- Analyzed historical airplane crash data to identify patterns and root causes using Power BI.
- Designed and developed interactive dashboards and visual reports to present analysis outcomes, enabling data-driven safety improvements.
- Utilized Power BI's advanced features, including DAX functions and Power Query, to clean, transform, and model data efficiently.

OTHER CERTIFICATION

Core Java

MAY 2023

Universal Organization Certified

(Grade : A++)

C++

FEB 2021

All India Council For Professional Training And Research Pvt. Ltd.

(Grade : A++)

GCC - TBC English 40 wpm

OCT 2023

Maharashtra State Council Of Examination, Pune

(Grade : A)

GCC - TBC English 30 wpm

MAY 2021

Maharashtra State Council Of Examination, Pune

(Grade : A)

LANGUAGES

- English, Hindi, Marathi