Dipak Dhage

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Professional Experience

WHIZOID STUDIO LLP Machine Learning / AI Engineer Intern
JUNE 2024 – Current | Indore, MP

➔ Gained expertise in machine learning, including **supervised and unsupervised** algorithms, focusing on debugging and troubleshooting code to improve algorithm stability by **20%** Enhanced data quality by **25%** through rigorous cleaning and performed data analysis and visualization using Python and Advanced Excel.

➔ Mastered data labeling, image annotation, and text annotation techniques, collaborating with developers to optimize code performance, resulting in a **10%** reduction in algorithm prediction response time.

Projects

RAINFALL PREDICTION FOR AUSTRALIA | Python, Machine Learning, pandas, Numpy.

➔ **Primary Goal:-** To predict the rainfall in Australia based on historical weather data using machine learning models.

➔ **Solution:-** Implemented a supervised machine learning pipeline for data preprocessing, feature selection, and model training using algorithms such as Logistic Regression, and Random Forest.

➔ **Result:-** Achieved a prediction accuracy of **88%** on the test set, enabling better decision-making for agricultural and meteorological planning.

WALMART SALES DATA ANALYSIS USING SQL SERVER. | Microsoft SQL Server Management Studio,SQL-MYSQL.

➔ **Primary Goal:-** Analyze Walmart sales data to uncover trends, improve inventory management, and enhance decision-making processes.

➔ **Solution:-** Utilized SQL Server for data extraction, cleaning, and transformation. Designed and executed complex SQL queries to generate insights into sales performance, customer behavior, and seasonal trends. Created aggregate reports and dashboards for visualization.

➔ **Result:-** Delivered actionable insights that highlighted a specific sales increase percentage **40%-45%** for key product categories, leading to optimized inventory management and strategic planning.

Certifications

- **Post-Graduate Program in Data Analytics and Machine Learning**
  Imarticus Learning, Pune

- **Data Analysis with Python**
  lets upgrade

- **Postman API Fundamentals Student Expert Certification**
  lets upgrade

Summary

A coding enthusiast with a strong foundation in statistics and mathematics in general, with experience of working with renowned retail brands and solving business problems with the help of Data Science and Machine Learning.

Technical Skills

PROGRAMMING

Proficient:
• Python • SQL • Mathematics and Statistics•ML Algorithms • Deep learning • NLp•Flask •Excel

Experienced:
•Python • ML Alorithms • MYSQL

LIBRARIES/FRAMEWORKS

• Pandas • Numpy • Scikit-learn• Tensorflow • Matplotlib

TOOLS/PLATFORMS

•Git and GitHub •VS Code• PyCharm• Anaconda Navigator(Jupyter Notebook)

Education

SAVITRIBAI PHULE PUNE UNIVERSITY
Master's in Computer Science
Jun 2022 - April 2024 | NACS
Cum. GPA: 7.88 / 10.0 A
Bachelor's in Computer Science
JUN 2019 - April 2022 | NACS
Cum. GPA: 8.25 / 10.0 A+