Suhas Sompalli

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⌂ https://github.com/deltapant

Summary

Data Science graduate with a strong foundation in statistics and a passion for turning complex data into actionable insights. Skills include Python, SQL, and Tableau, with hands-on experience building predictive models and dynamic dashboards to drive strategic decision-making. Seeking opportunities in data science, analytics, or business intelligence to contribute to impactful projects, uncover trends, and support product development through data-driven solutions.

Skills

Languages: Python, Kotlin, Julia

Technologies: Google Suite, PgAdmin, Jupyter, Excel, Powerpoint, Tableau

Projects

ClimateWins   climatewins ⬈

- Developed an electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized.
- Conducted exploratory data analysis on over 60 years of European weather data from 18 stations, identifying longterm climate trends including rising temperature and humidity.
- Developed and optimized predictive models using KNearest Neighbors, Artificial Neural Networks, and Random Forest classifiers, achieving up to 90grid search tuning.
- Extracted and interpreted key weather features from machine learning models to assess station-level climate variability and improve model transparency for stakeholders
- Tools Used: Jupyter, Python, Excel

Experience

University of Iowa, Teaching Assistant   Iowa City, Iowa
                                                                                August 2024 - December 2024

- Analyzed student performance data across multiple subjects to identify learning gaps, behavioral patterns, and areas for targeted intervention.
- Designed and implemented data-driven strategies to personalize instruction, resulting in a 15% average improvement in student grades.
- Collaborated with educators to translate insights into actionable teaching practices such as socratic discussion, enhancing classroom engagement and retention.
- Built dashboards and visual reports to communicate progress and trends to stakeholders, supporting continuous improvement in learning outcomes.

Education

CF	**CareerFoundry** Data Analyst	Jan 2025 – Aug 2025
BS	**University of Texas at Dallas** Data Science	August 2019 – Dec 2023