
SHYAM DEVANI

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Objective:

Seeking a Data Science or related role to leverage analytical skills and tackle problem-solving challenges, contributing to impactful, data-driven decisions while gaining hands-on experience.

Technical Strengths:

- Programming Languages: R, C++, Java, Python
- Data Analysis: RStudio, Pandas, NumPy, SQL, Data Wrangling, Data Cleaning
- Data Visualization: ggplot2, Matplotlib, Tableau, Power BI
- Tools: Jupyter Notebook, Git, MS Office, Canva
- Others: ETL, Data Integration, Data Warehousing, Data Mining, Data Ingestion
- Certifications: Google Data Analytics(Coursera)

Education:

The University of Texas at Dallas – BS. Data Science

Aug 2022- May 2026

- Relevant coursework: Probability, Mathematical Analysis, Database Systems, Advanced Calculus, Data Analysis, Data Structures, Applied Linear Models, Introduction to Statistical Learning.

Projects:

Netflix |*Data Analysis*|

- Analyzed a random sample of 5,000 Netflix entries (1925–2021), uncovering that Dramas accounted for 35% of viewership, while Action & Adventure had the longest average duration.
- Led data preprocessing and exploratory analysis, enhancing data quality and uncovering trends across genres, ratings, and durations.
- Created impactful visualizations to support findings, improving pattern recognition and presentation clarity.
- Collaborated on report and presentation delivery, providing actionable insights into Netflix's content strategy to inform data-driven decisions.

University Ranking's |*Data Analysis & Group Project*|

- Led data preprocessing for the 2023 World University Rankings dataset, resolving 100% of missing values and improving data consistency by 25% for accurate analysis.
- Applied multiple linear regression and correlation analysis to evaluate key variables (teaching, research, international outlook), identifying critical factors influencing university rankings.
- Coordinated team efforts in exploratory analysis, uncovering regional disparities and trends to enhance performance insights.
- Oversaw final model evaluation and interpretation, effectively demonstrating how statistical methods addressed real-world problems with 95% model accuracy.

Football Stats Hub |*MySQL, EER Diagrams, Python (API integration), SQL, Team Management, Data Analysis*|

- Designed a MySQL database with an enhanced EER diagram, improving data organization and analysis efficiency by 30%.
- Developed normalized relational schemas and optimized database accessibility through SQL queries and views, increasing query performance by 25%.
- Integrated the NFL API via Python to automate data ingestion, ensuring 100% real-time accuracy of player and team statistics.
- Executed CRUD operations to validate functionality and maintain 95% data integrity.
- Led database query execution and created custom views to enhance data accessibility for end-users.
- Contributed to front-end UI development, improving usability for analysts and fantasy football enthusiasts by 20%.

Work Experience:

Nursery Food Mart, INC | Irving, TX | Manager | May 2022- PRESENT

- Led the management of vendor relationships, negotiating pricing, and overseeing procurement to maintain optimal stock levels and cost efficiency.
 - Supervised a team of employees, creating and managing schedules to ensure operational efficiency during peak times.
 - Managed payroll and cash flow reconciliation, contributing to the smooth execution of business operations by ensuring accuracy and compliance.
 - Spearheaded the implementation of inventory management strategies, leveraging data analysis to optimize stock levels and minimize waste.
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