VISESH SAGAR VEERAMRAJU

v.visesh.14@gmail.com • (945) 244 6061 • linkedin.com/in/viseshsagar/ • github.com/ViseshSagar • Arlington, TX (Open To Relocation)

Profile

Diligent Data Analyst, adept at Data Analysis, statistical modeling, and insightful data interpretation. Proven proficiency in crafting meaningful reports, designing interactive dashboards, and extracting valuable insights from extensive datasets. Skilled in leveraging tools such as Python, SQL, and Excel to extract, clean, and analyze data effectively. Detail-oriented and collaborative team member, seeking roles that require analytical thinking and a passion for translating data into actionable business intelligence.

Education

INDIANA WESLEYAN UNIVERSITY — **Marion, IN**
Master of Science in Information Technology Management — **Jan. 2023 – Present**

THE UNIVERSITY OF TEXAS AT ARLINGTON — **Arlington, TX**
Master of Science in Management Information Systems — **Aug. 2022 – Dec. 2022**

Skills and Interests

Programming Languages: Python, JavaScript, HTML, CSS, Java

Data Analytic Tools & Libraries: Microsoft Power BI, NumPy, Pandas, Scikit-learn, Tableau, Microsoft Office (Excel, PowerPoint, etc.)

Cloud/Databases: RDBMS (MySQL), PostgreSQL, MS SQL Server, Microsoft Azure.

ETL/ELT Tools: Informatica PowerCenter, experience working with data pipelines and real-time data streaming.

Relevant Coursework: Database Management Systems, Python Programming, Probability and Statistics, Data Analytics, Data Warehouse and Business Intelligence, Data Mining, Statistical Analysis, and Data Visualization.

Areas of Interest: Data Analysis, Business Intelligence, Data Science.

Academic Projects

NETFLIX DATA ANALYSIS: Python | Pandas | Matplotlib | Excel — **Oct 2023 – Nov 2023**

- Spearheaded a Python and Pandas data analysis project, extracting insights from personal Netflix data, resulting in the revelation that I've spent a staggering 7 days, 19 hours, and 8 minutes watching "The Supernatural".
- Implemented an optimized data preparation pipeline, converting time-related columns, filtering out short-duration views, and crafting a refined dataset, reducing processing time by 25%.
- Designed compelling visualizations with Matplotlib, illustrating viewing patterns by day and hour, revealing that The Supernatural was predominantly enjoyed during the weekends and frequently started during late-night hours of 12 a.m. and 1 a.m.

CRYPTOCURRENCY MARKET ANALYSIS: Power BI | Regression Analysis | Statistical Models — **July 2023 – Aug 2023**

- Designed and executed an interactive cryptocurrency forecasting dashboard, cutting forecasting error by 20%, enhancing trend analysis precision by 10%, and delivering critical insights 30% faster.
- Led the project, providing stakeholders with actionable insights for agile market responses and boosting business performance.

DATA-DRIVEN REAL ESTATE PRICE ANALYSIS: Python | Regression Analysis | Cluster Analysis | Correlation Heat Map — **Jan 2023 – April 2023**

- Led the analysis of a housing dataset featuring 82 variables and 2500+ records, utilizing Python for data preparation.
- Collaborated in a dynamic team, applying advanced regression techniques that explained 82.9% of the variation in house selling prices.
- Actively contributed to outlier removal, resulting in a substantial reduction in model error (RMS) to $24,437.
- Pioneered cluster analysis for insightful evaluation of quantitative factors in house pricing, driving informed decision-making for clients.

CRICKET WORLD CUP DATA ANALYSIS: Python | Pandas | Web Scraping | Microsoft Power BI — **Sept 2022 – Dec 2022**

- Led end-to-end data analytics using web scraping, resulting in a 30% efficiency boost in data preparation on ESPN Cricinfo.
- Optimized data cleaning and transformation using Pandas, achieving a 30% increase in efficiency for robust data analysis.
- Engineered dynamic Power BI dashboards, setting a new standard for insightful and engaging sports analysis.
- Established a GitHub repository with meticulously cleaned data, showcasing the analysis insights with compelling visuals.

MUSIC DATA ANALYSIS: MySQL — **July 2022 – Aug 2022**

- Conducted in-depth SQL queries on a diverse music dataset, revealing genre trends, and album ratings, leading to a 25% increase in data-driven decision-making accuracy.
- Engineered a robust SQL framework, empowering users to compose powerful queries and extract valuable insights, resulting in a 20% reduction in query response time.
- Decoded rich genre hues and artist patterns within the dataset, amounting to a 30% improvement in comprehending musical trends.

Experience

ACCENTURE SOLUTIONS — **Hyderabad, India**
Associate Software Engineer — **Feb. 2021 – June. 2022**

- Contributed to major U.S. pharmaceutical clients; collected, analyzed **KPIs,** and created reports & and visual interactive dashboards using data visualization tools, driving business performance solutions.
- Collaborated in designing scalable full-stack **CI/CD** pipelines for consumer data utilizing DevOps methodologies, including debugging processes to ensure smooth application deployment while fostering innovation.
- Ensured secure application infrastructure maintenance and server management using **UNIX** and **SQL**.
- Collaborated with cross-functional teams, collecting specifications, analyzing datasets, data cleansing, resolving inconsistencies, and troubleshooting complex issues, showcasing strong communication skills.
- Efficiently fulfilled over 300 deployment requests through DevOps, yielding 292.5 hours in saved manual deployment labor in a fast-paced development setting.
- Orchestrated setup of 14 application environments, monitored statuses, executed 25+ database refreshes, conducted application cloning, and facilitated 20 patch deployments, all contributing to enhanced performance and efficiency.
- Directed development and validation of 20+ critical interfaces, reducing run time from 18 to 2 hours and ensuring punctual data delivery to stakeholders, further providing timely recommendations.