

Visesh Sagar Veeramraju

(945) 244 6061; v.visesh.14@gmail.com; Dallas, TX  
linkedin.com/in/viseshsagar/; github.com/ViseshSagar

TECHNICAL SKILLS

**Business Intelligence Tools:** MS Power BI, Tableau, MS Excel, Jupyter Notebook  
**Databases and Programming Languages:** MySQL, MS SQL Server Management Studio, SQL, Python, HTML, CSS, JavaScript, Java  
**ETL/ELT and Softwares:** Informatica, Microsoft Office, Microsoft Visual Studio, Microsoft Azure

ACADEMIC PROJECTS

**Cryptocurrency Market Analysis: A Data-Driven Exploration** **Apr 2023 - June 2023**  
• Designed an interactive cryptocurrency forecasting dashboard in **Microsoft Power BI**, integrating statistical models and **regression analysis** for accurate sales forecasts and trend analysis in the cryptocurrency market.  
• Championed the project, applying analytical mastery and **data visualization** to empower stakeholders with 20% reduced forecasting error, 10% improved trend analysis precision, and 30% faster critical insights, enabling agile market responses, which directly impacted business performance.  
• Empowered stakeholders with real-time insights, informed decisions, and competitive edge through analytical methods and predictive modeling, improving critical metrics and contributing to enhanced business growth.  
**Tools Used:** Python, SQL, MS Power BI, Exploratory Data Analysis, Time Series Analysis, Statistics, Jupyter Notebook

**Data-Driven Real Estate Price Analysis and Prediction** **Aug 2022 - Dec 2022**  
• Spearheaded a comprehensive analysis of a housing dataset comprising 82 variables and over 2500 records, demonstrating proficiency in data preparation and exploration using SAS and **Python**, resulting in a streamlined dataset for accurate predictive modeling.  
• Collaborated with a diverse team in applying advanced regression techniques, achieving a remarkable 82.9% explanation of variation in house selling prices, while actively participating in the removal of outliers, leading to a significant reduction in model error (**RMS**) to \$24,437.  
• Innovatively employed **cluster analysis** to assess the impact of quantitative characteristics on house pricing, successfully identifying challenges and proposing enhancements for future model iterations, showcasing adaptability and strategic problem-solving skills.  
• Employed effective communication skills to present insights and recommendations, including optimal selling months and investment strategies for home improvement, contributing to informed decision-making for clients and stakeholders.  
**Tools Used:** Python, Excel, Regression Analysis, Box and Whisker Plots, Correlation Heatmaps, Predictive Analytics.

PROFESSIONAL EXPERIENCE

**Accenture Solutions Pvt. Ltd, Hyderabad, India** **Feb 2021 - June 2022**  
*Associate Software Engineer*  
• Contributed to major U.S. pharmaceutical client; collected, analyzed **KPIs** and created reports & 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 deployment, 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.

EDUCATION

**Indiana Wesleyan University, United States** (*Master of Science, Information Technology Management; GPA 4.00*) **Aug 2024**  
**The University of Texas at Arlington, United States** (*Master of Science, Information Systems; GPA 3.33*) **Dec 2022**