

Revanth Varma | Data Analyst

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SUMMARY

Results-driven Data Analyst skilled in business intelligence, predictive analytics, and data visualization. Proficient in SQL, Power BI, Tableau, Python, and Google Cloud. Transforms complex data into actionable insights, automates workflows, and creates interactive dashboards to drive decision-making and growth.

TECHNICAL SKILLS

- **Data Analysis & BI:** Data Mining, Trend Analysis, Tableau, Power BI, SAS, Interactive Dashboards
- **Predictive Modeling & Automation:** Python, R, SQL, Regression Analysis, Time Series Forecasting, Workflow Automation
- **Database Management:** SQL, MySQL, PostgreSQL, Snowflake, Data Governance, KPI Development
- **Machine Learning:** Supervised/Unsupervised Learning, Neural Networks, Predictive Modeling
- **Cloud & Big Data:** Google Cloud, Google Big Query, AWS, Snowflake, ETL Processes
- **Advanced Tools:** Excel (Power Query, Macros), Power BI, Tableau, Git, Jira
- **Statistical Analysis:** Hypothesis Testing, A/B Testing, Descriptive Statistics
- **Process Optimization:** Lean Six Sigma, Root Cause Analysis, Continuous Improvement
- **Soft Skills:** Problem-Solving, Communication, Team Collaboration, Critical Thinking

PROFESSIONAL EXPERIENCE

Graduate Assistant

Lamar University College of Business / Beaumont, USA

Sep 2023 – Dec 2024

- Assisted faculty in conducting research related to **data analytics** within business management contexts, driving insights for course improvements.
- Analyzed department syllabi, providing **data-driven recommendations** for enhancing curriculum based on **industry trends** and **academic performance**.
- Supported **database management**, **report generation**, and **data analysis** using **SQL**, **Tableau**, and the **Microsoft Office Suite** (Word, PowerPoint, Excel) to optimize department operations.
- Collaborated with faculty to assess the **financial health** of business entities, utilizing **data visualization** and **statistical techniques** in **Microsoft PowerPoint** to inform decision-making.

HR Analyst

Taj Group of Hotels / Hyderabad, India

Oct 2022 – Aug 2023

- Led **data analysis and dashboard creation** in **Tableau** and **Power BI**, streamlining reporting processes and enabling more informed decision-making.
- Automated **data workflows** using **Power Query** and **SQL**, resulting in a 30% reduction in manual tasks and improved data accuracy.
- Applied **predictive modeling** in **Python** to forecast trends and support strategic HR planning.
- Provided actionable insights through reports that informed talent management, performance tracking, and workforce optimization.

EDUCATION

Lamar University, Beaumont, TX | GPA: **3.9(A)** | Master of Science in Management Information System's

PROJECT

Data Analytics in Retail Performance

Aug 2024 – Dec 2024

Analyzed Walmart and Target's retail performance, focusing on financial metrics and COVID-19's impact on consumer behavior.

- Collected Data & Extracted, cleaned data from SEC EDGAR filings, focusing on net income and revenue.
- Built regression models (Python) to forecast sales and revenue.
- Conducted time series analysis to predict future performance and customer spending patterns.
- Developed interactive dashboards in Power BI and Tableau to visualize trends and KPIs.
- Provided insights on inventory optimization, product pricing, and e-commerce strategies, collaborating with teams to align with business goals.

Tools Used: Python (Pandas, NumPy, Scikit-learn), Power BI, Tableau, SQL, Time Series Analysis, Regression Modeling.

Achievements

- Conducted data-driven analysis of department syllabi, leading to a 15% improvement in alignment with industry trends and academic performance.
- Streamlined database management and report generation using SQL, Tableau, and Microsoft Office Suite, reducing operational inefficiencies by 20%.
- Collaborated with faculty to assess financial health of business entities, enhancing decision-making accuracy by 25% through data visualization and statistical techniques.
- Designed and implemented interactive dashboards in Tableau and Power BI, reducing reporting time by 40% and enabling faster, data-driven decisions.
- Developed automated data workflows using Power Query and SQL, reducing manual tasks by 30% and improving data accuracy by 15%.
- Built predictive models in Python with 85% accuracy to forecast trends, supporting strategic HR planning and workforce optimization.
- Delivered actionable reports that improved talent management and performance tracking efficiency by 20%.