

Venkata Sai Jaswanth Kommu

Data Analyst

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Profile

Data Analyst with hands-on experience across the full data lifecycle, including ETL pipeline development, database management, and cloud-based analytics solutions. Proficient in Python, SQL, Tableau, and Power BI with strong expertise in exploratory data analysis, customer churn modeling, and A/B testing. Delivered measurable business impact by reducing customer churn by 12% and improving marketing conversion rates by 18% through data-driven insights. Strong collaborator experienced in Agile/Scrum environments, translating business requirements into scalable and reliable analytical solutions.

Skills

Programming & Scripting - Python, SQL, R

Libraries & Frameworks - NumPy, Pandas, SciPy, TensorFlow, Keras, Scikit-learn, Matplotlib, Seaborn

Big Data - Hadoop, Hive, Spark

Machine Learning - Linear/Logistic Regression, SVM, Decision Trees, K-NN, Clustering, Time Series Forecasting

Visualization & Reporting - Tableau, Power BI, MS Excel, SSRS, SSAS, MS Project, SharePoint, Visio

Deep Learning & NLP - Neural Networks, CNNs, RNNs, NLP

Cloud Platforms - AWS (S3, Glue, SageMaker), Azure (ML Studio), Google Cloud Platform (GCP), Google Analytics

Methodologies - Agile, Scrum, SDLC, Waterfall

Databases - MS SQL, Oracle, MySQL, PostgreSQL, IBM DB2, NoSQL

Data Engineering - ETL Development, Data Warehousing, Data Pipeline Optimization

Tools - Jira, Confluence, Slack, JAD, UAT, Selenium IDE, Rational ClearQuest, Visual Studio

Analysis Techniques - Cost/Benefit Analysis, Impact Analysis, GAP Analysis, Risk Analysis, A/B Testing, Exploratory Data Analysis (EDA)

Professional Experience

Data Analyst, IT Pros 01/2024 – Present

- Conducted exploratory data analysis (EDA) using Python to identify key customer churn drivers, contributing to a 12% reduction in churn.
- Designed and maintained interactive dashboards in Tableau and Power BI, improving stakeholder visibility and decision making efficiency by 30%.
- Built and optimized automated ETL pipelines using Python and SQL, enabling reliable extraction, transformation, and loading of multi-source data.
- Developed and executed A/B testing frameworks to evaluate marketing strategies, increasing conversion rates by 18%.
- Managed relational and NoSQL databases to ensure data integrity, performance, and scalable access for analytics use cases.
- Leveraged AWS S3 and AWS Glue to automate data integration workflows and support scalable cloud based ETL operations.

Junior Data Analyst, Smartfox 01/2022 – 06/2023

- Led annual database cleanup initiatives and partnered with CRM administrators to enforce data governance and data quality best practices.
- Built interactive Tableau dashboards to analyze sales trends and customer behavior, enabling data driven business insights.
- Managed and optimized MySQL and SQL Server databases to support analytics and data warehousing requirements.
- Utilized Excel, Visio, SSRS, and SSAS to deliver detailed reports, analytical models, and documentation for stakeholders.
- Generated actionable insights that supported merchandise optimization and improved operational decision making.
- Collaborated with cross functional teams in Agile/Scrum environments to translate business requirements into analytical solutions.

Education

Masters in Computer Science, Florida Atlantic University 08/2023 – 05/2025

Bachelor in Computer Science, KL University 07/2018 – 08/2022