Sri Sai Sateesh Gollapudi Data Analyst

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Summary

Experienced Data Analyst with 3+ years of strong expertise in data extraction, transformation, and analysis using SQL, Python, and R. Proficient in building and optimizing ETL pipelines on cloud platforms like AWS and Azure. Skilled in statistical analysis, data validation, and visualization tools including Power BI and Tableau to deliver actionable insights. Adept at collaborating within Agile teams to support business objectives through data-driven decision-making. Committed to improving data quality, operational efficiency, and delivering clear, impactful reports for stakeholders.

Technical Skills

- **Programming & Analytics**: Python (NumPy, Pandas, SciPy, Statsmodels), R (Logistic Regression), SQL (Advanced queries, window functions, CTEs)
- **Cloud & Data Engineering**: AWS (S3, Athena, Glue, Lambda), Azure (SQL Database, Data Factory)
- **Data Visualization**: Power BI (DAX, drill-through, slicers, bookmarks), Tableau (LOD expressions, dynamic filters, drill-down)
- **Data Processing**: ETL pipeline development, data validation, data cleaning, feature engineering
- **Tools & APIs**: Google Analytics API
- **Methodologies**: Agile, Time Series Analysis, Cohort & RFM Segmentation, Correlation Studies, Statistical Testing

Professional Experience

Data Analyst, Charles Schwab Corporation 02/2024 – Present | Remote, USA

- Worked on the Investment Portfolio Performance Analysis project by collaborating with Portfolio Management, Risk, and IT teams ensuing Agile method and gathering requirements to analyze historical data and find factors influencing returns for client portfolios.
- Used advanced SQL techniques such as window functions and common table expressions to query large datasets stored in AWS S3 and optimized AWS Athena queries for efficient processing of daily portfolio transaction data in CSV and Parquet formats.
- Performed time series analysis and correlation studies to evaluate how portfolio allocations relate to market volatility and successfully identified 15% of portfolios that constantly underperformed while finding key risk factors affecting investment returns.
- Applied Python libraries including NumPy, Pandas, SciPy, and Statsmodels to conduct statistical tests and analyze trends in portfolio performance, validating hypotheses about risk and returns without employing machine learning or visualization tools.
- Developed data validation procedures and built ETL pipelines using AWS Glue and Lambda to ensure data accuracy and consistency across multiple sources, resulting in a 25% reduction in data processing errors and improved analysis reliability.
- Created Power BI dashboards with features such as drill-through, slicers, and bookmarks, using DAX to generate dynamic KPIs that helped portfolio managers visualize performance trends and improve client investment advice by 12%.

Data Analyst, Innover Digital 08/2020 – 12/2022 | A.P, India

- Collected and integrated customer data for churn analysis by collaborating with product, CRM, and support teams during agile sprints. Conducted requirement sessions to identify churn indicators, improving customer retention strategy by 18% overall.
- Extracted and transformed customer data from Azure SQL Database while optimizing queries to reduce processing time by 35%. Built robust ETL workflows using Azure Data Factory to streamline inputs from CRM and ticketing systems.
- Performed cohort analysis and RFM segmentation to identify behavior-based churn trends. Found customers with over two monthly complaints were 47% more likely to churn, helping stakeholders launch targeted loyalty programs and personalized outreach.
- Utilized Python, Pandas, and NumPy for data cleaning, feature engineering, and preprocessing. Automated daily data updates from multiple sources, reducing manual work by 60% and enabling consistent input for churn model training.
- Applied Logistic Regression using R to validate churn predictors and assess model robustness. Achieved 82% model accuracy and cross-verified with Python implementation to ensure consistency across platforms and increase confidence in the output.
- Validated data accuracy at each ETL stage using Azure Data Factory and built a Tableau dashboard with LOD expressions, dynamic filters, and drill-downs, improving executive decision speed and reducing data errors by 97%.

Associate Data Analyst, Innover Digital 01/2020 – 08/2020 | A.P, India

- Assisted in collecting and processing website traffic data using Google Analytics API and Python. Built a Tableau dashboard to visualize key user metrics, improving stakeholder insight into funnel performance and drop-off behavior across pages.
- Performed funnel and behavioral flow analysis to understand bounce rates, session durations, and conversion paths. Identified a 28% exit rate on the pricing page, leading to design changes that increased conversions by 21% month-over-month.
- Delivered data-backed UX recommendations on call-to-action placement, content structure, and mobile responsiveness. Team up with design and marketing teams, resulting in a 35% gain in session duration and improved user engagement on key landing pages.

Education

Master of Science in Computer Science

Florida Atlantic University 01/2023 – 12/2024 | Boca Raton, FL, USA

Bachelor of Technology in Computer Science and Engineering
Rise Krishna Sai Gandhi Group of Institutions 06/2016 – 12/2020 | AP, India