**Teja Achanta**

**Data Analyst**

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**Summary:**

Data Analyst with 5+ years of experience in Finance, Banking, and Insurance, specializing in data-driven insights, automation, and business growth through advanced analytics. Proficient in Python, R, SQL, and tools like Power BI, Tableau, Looker, and Google Data Studio for interactive reporting and dashboard development. Skilled in data wrangling, statistical modeling (T-Test, ANOVA, regression), and working with large datasets across MySQL, PostgreSQL, MS SQL Server, and Google BigQuery. Hands-on experience with API integration (RESTful APIs, Postman), and managing data warehouse solutions using Snowflake and Redshift. Built and maintained ETL pipelines with Informatica PowerCenter, supporting real-time analytics and compliance with SOX/GDPR through secure data governance practices. Adept with cloud-native tools (Docker, Kubernetes, serverless architecture) and data quality frameworks like Great Expectations and Talend. Strong collaborator using Jira, Confluence, GitHub, and Jupyter, with excellent communication, problem-solving skills, and a passion for continuous learning.

**Technical Skills**

* **Programming:**SQL, Python, R, SAS, MATLAB
* **Data Visualization Tools:** Tableau, Power BI (DAX), Looker, Google Data Studio, Excel Dashboards, Tableau Server, Power BI Service, Matplotlib, Seaborn
* **Statistical Analysis Tools:** Excel, RStudio, StatsModels, SciPy, Hypothesis Testing, T-Test, ANOVA, Chi-Square
* **Database Technologies:** MySQL, PostgreSQL, MS SQL Server, Google BigQuery
* **Cloud Technologies:** Snowflake, AWS, Azure, GCP, Docker, Kubernetes, Serverless Architecture
* **Big Data Tools:** Informatica PowerCenter, Alteryx, Trifacta, SSIS, Apache Airflow, Apache Spark
* **ETL & Data Warehousing:** Python ETL, Informatica, Alteryx, Snowflake, Amazon Redshift, Google BigQuery
* **Machine Learning & AI:** Scikit-learn, Regression Modeling, Customer Segmentation, Risk Modeling
* **Data Governance & Security:** Informatica Data Quality, Great Expectations, Talend Data Quality, Data Masking, Access Controls, SOX/GDPR Compliance
* **Agile & Project Management:** Jira, Confluence, GitHub, Jupyter Notebooks, Documentation, Sprint Tracking

**Professional Experience:  
Data Analyst | Capital Group | Los Angeles, CA Dec 2023 – Present**

* Automated 75% of financial reporting workflows using Python and SQL, reducing manual effort and accelerating report delivery timelines by 40%.
* Developed automated ETL pipelines using Informatica PowerCenter and Python to load, transform, and cleanse critical financial datasets into a centralized Snowflake data warehouse.
* Optimized Snowflake database design and data models for performance, ensuring scalable reporting and analytics for over 5 million records.
* Collaborated with IT teams to implement data governance best practices, including user access controls, policy- based data masking, and audit logging to meet security and compliance requirements.
* Enhanced investment performance tracking dashboards in Power BI, resulting in a 30% increase in stakeholder engagement and decision-making efficiency.
* Extracted and analysed over 5M rows of portfolio and trading data from Google BigQuery and PostgreSQL using Python (Pandas, NumPy) to identify trends and performance drivers.
* Designed Tableau dashboards for risk and return analysis across multiple funds, improving fund managers' insights into allocation efficiency.
* Conducted regression analysis, hypothesis testing, and T-Tests in R to support asset allocation and financial modelling strategies.
* Performed ad-hoc data analysis using SQL and Python to support portfolio managers with real-time insights. Conducted A/B testing in R to assess campaign impact and improve ROI.
* Developed interactive KPI reports using Power BI and Excel Power Query to support quarterly investment reviews and audit compliance.
* Implemented data quality checks using Great Expectations, ensuring over 98% data integrity in quarterly board-level reporting.
* Collaborated with business, compliance, and IT teams using Jira and Confluence to align data solutions with regulatory requirements.
* Created reusable data visualization templates and deployed reports to Tableau Server, standardizing financial reporting across departments.

**Data Analyst | Axis Bank | India Mar 2022 – Dec 2022**

* Designed R-based customer segmentation models, leading to a 22% increase in cross-sell and upsell conversions across retail banking.
* Designed and maintained ETL processes with Informatica and Alteryx, integrating branch, transaction, and customer data into the enterprise data warehouse.
* Enhanced regulatory compliance by implementing data quality frameworks and data governance standards using Informatica Data Quality and Talend.
* Played a key role in migrating legacy reports and analytics to the Snowflake cloud platform, improving data

availability and security.

* Automated daily branch-level performance dashboards using Power BI and Excel macros, reducing reporting cycle time.
* Extracted transactional data from MS SQL Server and MySQL using SQL for fraud analytics and customer behavior insights.
* Built and maintained executive Tableau dashboards to track loan disbursement trends and customer acquisition KPIs.
* Applied hypothesis testing and Chi-Square analysis to evaluate campaign effectiveness and recommend optimizations.
* Used Python (Pandas, Matplotlib) to clean, merge, and visualize high-volume customer interaction data.
* Developed Alteryx workflows to integrate credit score and financial data for risk modeling and compliance.
* Monitored and improved data quality using Talend Data Quality, ensuring regulatory audit readiness.
* Documented business requirements and analysis processes in Confluence, enhancing traceability and team collaboration.
* Coordinated with marketing and strategy teams via Jira to prioritize analytics projects and track sprint progress.

**Data Analyst | Bajaj Allianz Life Insurance Pvt. Ltd. | India June 2019 – Feb 2022**

* Built and maintained Excel dashboards and pivot reports for claims tracking, improving SLA monitoring by 35%.
* Conducted data cleaning and preparation using OpenRefine and Excel Power Query to support actuarial teams with high-quality datasets.
* Contributed to the successful creation of a centralized data warehouse using Snowflake, supporting advanced analytics and business intelligence teams.
* Supported automation of ETL pipelines with Informatica, ensuring timely integration of insurance policy and claims data with high data integrity.
* Assisted in applying data governance policies for secure data handling and regulatory readiness.
* Retrieved policy and premium data using SQL queries from internal PostgreSQL databases for daily operations.
* Generated daily underwriter performance metrics in Google Sheets, automating report generation using scripts.
* Designed Tableau reports to visualize customer complaint patterns and resolution timelines.
* Used Python (Pandas, Seaborn) for exploratory data analysis (EDA) to support pricing decisions on new insurance products.
* Partnered with QA and compliance teams to validate dashboards before regulatory submissions
* Logged and documented all data tasks and Jira tickets in Confluence for audit readiness and knowledge sharing.

**Education**

Master of Science in Information Science from University of North Texas, TX, USA.

Bachelors in Electronics & Communication Engineering from AAR Mahaveer Engineering College, India.