

**Summary:**

* Overall 10+ years of professional IT experience in Data Analysis, ETL, Data Mapping using Snowflake, Python, MS office, SQL, Tableau, AWS, SDLC Methodology.
* Worked with data in all 3 environments - DEV, QA, and PROD and evaluated the data using Snowflake, and pivoting in MS Excel to analyze the data for documenting final results.
* Experience in Preparing & executing SQL queries in Snowflake, fetching required data from Sources
* Good understanding of operations related to adding/deleting records in API using POST, PATCH, and DELETE.
* Extensive experience in data extraction, transformation, and loading (ETL) processes using technologies such as SQL, Python, and Informatica.
* Demonstrated proficiency in version control using Git, enabling efficient collaboration, and tracking of code changes throughout the project lifecycle.
* Familiarity with agile methodologies like Scrum and experience using Jira for project management and task tracking.
* Experienced in creating reports using advanced Tableau/ MS Excel.
* Skilled in data integration and data manipulation using SQL, facilitating data analysis, segmentation, and aggregation tasks.
* Experienced with reporting tools, software, and other applications, including SQL Database, Tableau, and Salesforce CRM (reports designing tool) and Data warehouse.
* Data Mining and Modeling: collected, cleansed, and provided structured and unstructured data modeling and analyses.
* Extensive experience in SQL Server Business Intelligence tools- SQL Server Integration Services (SSIS).
* Experience working on Tableau (Desktop, Server), creating various Reports and Dashboards using different functionalities.
* Experience in Tableau Desktop for data visualization, Reporting and Analysis; Cross tab, Scatter Plots, Geographic Map, Pie Charts and Bar Charts, and Density Chart.
* Experienced in Agile Methodologies like attending daily Scrums, maintaining User Stories and Burn down Charts, Backlog Grooming and Retrospective
* Developed and maintained ETL job scheduling and monitoring procedures to ensure timely execution and availability of data for reporting and analysis.

**CERTIFICATIONS**

AWS Certified Cloud Practitioner CLF-C02

SnowPro Core Certification.

**Technical Skills:**

**Databases**: SQL Server, Oracle, MySQL, SQLite

**Analytical tools:** Tableau Desktop, Tableau Server, Pandas, Snowflake, MS Excel,Cognos

**Languages**: Python, HTML, XML, JSON, CSS, Javascript

**Cloud Services**: Amazon Web Services (AWS)

**ETL Tools**: Informatica PC, Master Data Management

**Project Life Cycle Methodology:** SDLC, Agile, Scrum

**Version Control:** Git/GitHub

**Testing tools**: Selenium WebDriver/IDE, Cucumber

Bug tracking tool: Jira, TFS, ALM

**Skills**

Data Analysis| Data Mining| Data Validation| Data Cleansing| Tableau Reporting| Data base SQL |Python Scripting| Problem Solving| Data Visualization & Presentation| JIRA| Agile Methodologies| Visio.

**Professional Experience:**

**Mphasis Corporation-Data Analyst Sep’ 2023 – Till Date**

**Client: JP Morgan Chase**

**Responsibilities:**

* + Created SQL queries to validate Data transformation and ETL Loading.
	+ Participated in all phases of Data mining, Data cleaning, Data collection, developing models, Validation, Visualization and Performed Gap analysis.
	+ Designed and Developed ETL jobs in Developing Parallel as well as Server Jobs using the DataStage tool to load data warehouse and Data Mart.
	+ Using SQL runtime engine to schedule nightly processes running the server jobs, monitoring schedules, and validating its components.
	+ Assisted in creating SQL database maintenance logs and presenting any issues to the database architects.
	+ Migrated data from staging area into sales Data Marts to store reliable data for decision support system using DataStage as ETL tool.
	+ Utilized Power BI to create various analytical dashboards that help business users to get quick insight of the data.
	+ Provided training and guidance to team members on AWS services and best practices for data analytics, fostering a culture of continuous learning and improvement within the organization.
	+ Developed complex calculations, parameters and filters in Tableau to provide dynamic views of data enable users to perform in-depth analysis.
	+ Developed Python scripts to automate data cleaning and preprocessing tasks, reducing manual effort by 50%.
	+ Utilized Pandas and NumPy to manipulate large datasets, improving data quality and accuracy.
	+ Generated reports in Excel using pivot charts and formulas to understand team performance.
	+ Gathered and Monitored data of over 200 healthcare customers and generating custom reports in

Salesforce.

* + Collaborated with developers, business analysts, and other stakeholders on data analysis and reporting projects.
	+ Extracted data for reporting from multiple data sources like SQL Server, SQL Server Analysis, Service
	+ Developed and maintained ETL processes to extract, transform, and load data from diverse sources including relational databases, flat files, APIs, and web services into data warehouses and analytical systems.
	+ Conducted exploratory data analysis, developed machine learning models, and identified trends in customer behavior that have reduced customer attrition 20% and driven $500K in cost savings.
	+ Developed, and now maintain, data pipelines that increase data accuracy 95%.
	+ Built dashboards to track KPIs that increased sales revenue 15% over six months.
	+ Collaborated with cross-functional teams to develop data-driven solutions that have increased customer satisfaction by 10% and increased email open rates by 25%.
	+ Wrote JQL queries in JIRA to create filters and dashboards for executive meeting.
	+ Worked on Tableau reports using multiple types of visualizations including line charts, doughnut charts, tables, matrix, KPI, scatter plots, box plots, etc.
	+ Actively involved in customer meetings to understand the business needs and functionality of the project.
	+ Operated under Agile and Scrum frameworks to complete releases and well-organized sprints.
	+ Used ETL in Informatica, Python and SQL to transform and prepare the data for further statistical analysis.
	+ Modified existing dashboards as per new requirements in Tableau.
	+ Gathered requirements and proposed possible solutions to satisfy business needs and designed/created star, snowflake schema models.
	+ Analyzed A/B test results using statistical techniques in Python/R to determine statistical significance and extract actionable insights.
	+ Built and maintained SQL scripts and complex queries for data analysis and extraction.
	+ Performed SQL queries for retrieving data from the database, generating ad-hoc reports, and conducting data validation testing.
	+ Actively participated in all the scrum meetings like spring planning, daily standup meeting, sprint review, sprint retrospective, backlog grooming, and release planning.

**Mphasis Corporation-Data Analyst Oct’ 2013 – Oct.’ 2022**

**Client: First Republic Bank**

**Responsibilities:**

* + Collaborated with cross-functional teams to support data-driven decision-making and optimized ad campaigns that increased click-through rates 20%.
	+ Communicated findings and insights to stakeholders through written and verbal reports. Conducted an analysis of customer demographics and behavior, identifying key insights that informed product development decisions and drove a 5% increase in customer satisfaction.
	+ Participated in the development of a data warehouse that improved data accuracy by 90%.
	+ Created a Business Infrastructure from the ground up for better mobility data processing and analysis.
	+ Automated Snowflake ETL process across million rows of data, which reduced manual workload by 50%
	+ Created JIRA tickets to file the bugs to track the progress.
	+ Wrote SQL queries using Joins, Window Functions, CTE to extract data from multiple tables.
	+ Used Pandas libraries and connectors, wrote Python scripts to automate data in Snowflake tables.
	+ Used Pandas, NumPy, Matplotlib in Python for developing time series models to predict the sales revenue of the sales department.
	+ Created interactive dashboards and reports using Power BI, connected to Azure data sources, to provide actionable insights to stakeholders
	+ Collaborated with ETL team to automate data load process and created aggregate tables, indexing, which optimizing report performance by 20%
	+ Performed Data Analysis using Excel, SQL, and other tools necessary to query the database and generate reports.
	+ Monitored data pipeline performance and addressed issues using Azure Monitor and Azure Log Analytics, ensuring data reliability and availability.
	+ Designed and implemented AWS Lambda functions for serverless data processing tasks, improving scalability and reducing operational overhead.
	+ Responsible for data identification, collection, exploration, and cleaning for modeling.
	+ Involved in creating database solutions, evaluating requirements, preparing design reports and also migrating data from legacy systems to new solutions.
	+ Analyzed required demographics, preferences, and buying habits in order to improve the future predictions on the basic needs.
	+ Collaborated with cross-functional teams to design and execute A/B tests, analyzing the results using Python to drive product optimization.
	+ Automated reporting processes using Python and SQL reducing report generation time by 75% and improving overall data accessibility.
	+ Determine the necessary data required and extract data using SQL queries to solve and understand business problems and provide recommendations.
	+ Connected Tableau to SQL to create several operation reports that require live updates.
	+ Created new workflows and maintained existing ETL workflows, data management and data query components.
	+ Conducted root cause analysis to investigate business performance issues and recommend corrective actions to improve operational efficiency and profitability.
	+ Worked on SQL queries using unions, joins, order by &amp; group by to extract data from data sources.
	+ Worked on Data Warehouse processes and Tabular Modeling concepts, with star and snowflake data models.
	+ Implemented one time data migration of multi-state level data from SQL server to Snowflake by using

Python.

* + Performed Data cleaning, Data wrangling, manipulation, and visualization.
	+ Extracted data from relational databases and performed complex data manipulations.

 **Mphasis Corporation- ETL Test Lead Aug 2007 – Sep’ 2013**

**Client : World Bank IFSC**

# Responsibilities:

* Created automated scripts for validating different types of data loads into multiple systems.
* Documented process flows and identified data sources for use in ETL testing.
* Mentored team members in writing efficient SQL queries for validating ETL jobs.
* Led the development of ETL test plans and strategies to ensure quality data delivery.
* Developed complex SQL queries to verify the correctness of extracted, transformed and loaded data into target systems.
* Participated in defect triage meetings with cross functional teams including Development, QA and Business Analysts.
* Conducted end-to-end system integration tests on various applications using ETL tools.

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