GANESH SUNDARESAN

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Ashok Nagar

WWW: [Bold Profile](#)

Pan Number: BJVPG9767P

Personal Information

Professional Summary

Experienced Lead Data Engineer with a strong background in business management and data science. Skilled in developing and delivering tableau dashboards, automating data processes, and collaborating with stakeholders to meet diverse data needs. Proficient in various tools and technologies including SQL, Python, Tableau, Snowflake and AWS Tools. Proven track record of improving efficiency and driving revenue growth through data-driven decision-making. Exceptional communicator and problem-solver

Work History

06/2023 - 03/2024
Lead Data Engineer
Craftner Inc, Remote

- Utilized PostgreSQL and Snowflake for data storage and facilitated efficient data flow by migrating source extracts from Amazon Redshift and designed tableau dashboards for financial reporting, data quality checks, and user interface testing
- Leveraging AWS Glue, I automated ETL processes for data extraction, transformation, and loading compare data definitions between the source in Redshift and the target Snowflake data warehouse connected via Glue
- Constructed intricate data models tailored to meet complex analysis needs
- I harnessed Python scripts to automate and collate source data extracts into our testing environment
- Spearheaded internal process improvements to automate repetitive tasks across the data pipeline
- This included potentially using AWS Lambda serverless functions for specific data processing steps or tasks triggered by new data arrival in S3
- Additionally, I alternatively utilized Amazon EMR for large-scale data processing needs if the data volume demanded it.

01/2023 - 04/2023
Senior Engineer - BFS ANZ
Tata Consultancy Services, Chennai, India

- Implemented efficient Cloud-Based ETL Pipelines by leveraging the power of AWS services utilizing Amazon S3, Amazon Glue to automate data extraction, transformation, and loading tasks and also used it for data quality checks and data cataloging
- My expertise in SQL and NoSQL databases (MySQL, PostgreSQL, MongoDB) allowed me to optimize data models for efficient data retrieval and analysis
- Championed Data Governance and Compliance ensuring data integrity and compliance throughout the data lifecycle using AWS services like AWS Lake Formation for data governance automation
- My proficiency extends to various data management tools, including Talend and Informatica and working with cloud-based data warehousing solutions like Amazon Redshift which have been used as a target data store for the processed data.

12/2021 - 11/2022
Data Analyst
Cartograph, Remote

- I collaborated with stakeholders to create dashboards and visualizations and provided guidance to internal teams on leveraging analytical tools like Tableau, Snowflake, Amazon S3, and Redshift for data-driven decisions
- Utilizing Snowflake, I cleaned and integrated data for enhanced usability and data mining techniques to uncover hidden patterns and trends within the data for deeper analysis
- Optionally using Amazon Glue for automating ETL processes if manual data manipulation was a significant bottleneck
- Conducted training sessions on data cleaning, wrangling, and automation techniques, empowering teams to enhance data quality and efficiency
- Applied advanced statistical techniques to identify trends and patterns within large datasets
- Enhanced business processes by analyzing data and creating detailed reports for management

05/2021 - 12/2021
Associate Data Analyst
Cartograph, **Remote**

- I collaborated with stakeholders to create dashboards and visualizations and provided guidance to internal teams on leveraging analytical tools like Tableau, Snowflake, Amazon S3, and Redshift for data-driven decisions
- Utilizing Snowflake, I cleaned and integrated data for enhanced usability and data mining techniques to uncover hidden patterns and trends within the data for deeper analysis
- Optionally using Amazon Glue for automating ETL processes if manual data manipulation was a significant bottleneck
- Conducted training sessions on data cleaning, wrangling, and automation techniques, empowering teams to enhance data quality and efficiency
- Applied advanced statistical techniques to identify trends and patterns within large datasets
- Enhanced business processes by analyzing data and creating detailed reports for management review
- Participated in regular training sessions and workshops to stay updated on industry best practices and emerging technologies relevant to job function.

09/2019 - 04/2021
Associate Business Analyst
Cartograph, **Remote**

- I collaborated with stakeholders to create dashboards and visualizations and provided guidance to internal teams on leveraging analytical tools like Tableau, Snowflake, Amazon S3, and Redshift for data-driven decisions
- Utilizing Snowflake, I cleaned and integrated data for enhanced usability and data mining techniques to uncover hidden patterns and trends within the data for deeper analysis
- Optionally using Amazon Glue for automating ETL processes if manual data manipulation was a significant bottleneck
- Conducted training sessions on data cleaning, wrangling, and automation techniques, empowering teams to enhance data quality and efficiency
- Applied advanced statistical techniques to identify trends and patterns within large datasets
- Enhanced business processes by analyzing data and creating detailed reports for management review
- Participated in regular training sessions and workshops to stay updated on industry best practices and emerging technologies relevant to job function.

04/2019 - 07/2019
Business Development Associate
BYJU'S, **Coimbatore**

- Enhanced sales techniques and marketing plans
- Boosted revenue by bringing in and cementing relationships with new clients

08/2017 - 03/2019
Catalog Specialist
Amazon India, **Chennai**

- Analyzed data to support stock maintenance, leveraging Snowflake for efficient data processing
- Utilized Excel and other tools to develop macros, streamlining processes and ensuring data accuracy
- Identified areas for improvement through thorough analysis
- Additionally, generated reports using Tableau for enhanced visualization
- Recognized with awards such as 'First Among Equals', 'Customer Delight', and 'Team Leadership' for outstanding contributions
- Evaluated 260k+ records for accuracy, value, and status of preservation.

Certifications

- CBAP - Certified Business Analysis Professional
- Licensed Tableau Desktop Qualified Associate Certification
- BigQuery
- Google Analytics
- Business Intelligence using Power BI

Education

02/2023   **Post Graduate Diploma in Management, Business Management**, *IMT Ghaziabad*, New Delhi
Percentage: 91.13%

12/2019   **Post Graduate Diploma**, **Data Science And Machine Learning**, *Times University*, Chennai
Percentage: 80.42%

04/2017   **Civil Engineering**, *Anna University*, Chennai
Percentage: 6.65

Skills

Python (Matplotlib)
Tableau
Power BI
SQL
Google BigQuery
Snowflake Database Management System (DBMS)
NoSQL Databases

Data Warehousing
Data Pipeline Design
Database Design
RDBMS
Data Analysis
ETL development

Awards

- Customer Delight Award, Amazon India, 04/2018
- Global Teamwork Award, Amazon India, 08/2018
- Top Performer Award, Amazon India, 09/2018
- Digital Quick Learner, Cartograph LLC, 11/2022

Projects

- Validation scripts using Python and Data migration using Snowflake (06/2023 - 03/2024) | Skills Used : PostgreSQL, Snowflake, Python, Redshift, Tableau Prep, Tableau Server
- Orchestration - Data Validation jobs (06/2023 - 03/2024) | Skills Used : AWS S3, Data Orchestration, AWS Glue, AWS EMR
- Sales Dashboard (01/2022 - 11/2022) | Skills Used : Tableau, Snowflake, Amazon S3, Redshift
- COGS Dashboard (04/2021, 01/2022) | Skills Used : Tableau, Snowflake, Google Sheets, Amazon Web Central
- Repeat Purchase Dashboard (09/2019, 04/2021) | Skills Used : Amazon Seller Central, Data Cleaning, Migration Methodologies