

CHAITHANYA S GUDIPATI

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SUMMARY

Result-oriented Data Analyst adept at translating complex datasets into meaningful insights that drive business growth. Proficient in leveraging a suite of big data tools including SQL, Python, Snowflake and visualization platforms such as PowerBI & Tableau. Known for collaborating effectively with stakeholders to understand their needs and deliver actionable recommendations. **AWS Associate Developer, AWS Cloud Practitioner**

EDUCATION

Northeastern University - Boston, MA

Sep 2022 - May 2024

MS in Data Analytics Engineering

Relevant Coursework - Data Warehousing & BI Integration, Machine Learning, Data Management for Analytics, Data Mining

MS Ramaiah Institute of Technology - Bangalore, India

Aug 2015 – June 2019

Bachelor Engineering in Electronics and Communications Engineering

TECHNICAL SKILLS

Programming Languages & Databases - Python, R, SQL, MySQL, PostgreSQL, MongoDB

Tools and Editors - Excel, Git, Jira, PowerBI, Tableau, Snowflake, Docker, Kubernetes

Packages & Frameworks - Microservices, REST API, Numpy, Pandas, TensorFlow, Scikit-Learn

Cloud Technologies - Kinesis, EMR, Glue, Athena, Redshift, Lambda, DynamoDB, S3, IAM, CloudWatch

Others – Data Analysis, Data Management, Statistical Analysis, Data Modelling, Data Visualization, Unit Testing, Agile Methodology, Business Intelligence, Collaboration, Problem Solving, Presentation Skills, Regression, Classification, Continuous Integration, Machine Learning, Shell Scripting, AWS

WORK EXPERIENCE

Data Analyst, Tata Elxsi, Bangalore, India

Sep 2019 – Aug 2022

- Led a data cleansing initiative using SQL and Python scripts, which improving reporting accuracy by 20% and reduced data retrieval times by 30% for all sales departments
- Created numerous SQL queries over large datasets(>1M) to carry out ad-hoc analysis for 4 departments, employing query optimization techniques to identify, analyze and interpret trends in datasets and shared with business stakeholders
- Built 70+ dashboards in PowerBI for 4 departments in organization providing comprehensive insights to business leaders, contributed to 14% increase in sales for a business exceeding \$300M
- Collaborated closely with data scientists and data engineers to collect and process data, build, and manage data pipelines
- Boosted data retrieval efficiency by more than 33% by implementing query optimization techniques and query indexing
- Extracted valuable insights from complex datasets using Spark SQL, reducing high-severity ticket resolution by 35%
- Developed data pipelines to collect large volumes of structured and unstructured data from diverse sources including S3, RDS, and Redshift
- Designed and developed data models and catalogs to improve user visibility and efficiency of data pipelines, resulting in a 20% reduction in time spent on data pipelines and a 10% reduction in errors
- Created and maintained comprehensive documentation of BI processes, ensuring data consistency and accuracy

CERTIFICATION

AWS Certified – Developer Associate ([Link](#)), Cloud Practitioner ([Link](#))

ACADEMIC PROJECTS

Data Warehouse & ETL for Energy Consumption and Monitoring Analysis, Northeastern University Sep 2023 – Dec 2023

- Led the design and implementation of robust ETL and data analysis project to seamlessly extract, load and transform from diverse energy sources, culminating into a data warehouse. Utilized Tableau to create data visualizations and conduct in-depth analysis, particularly large datasets, enhancing data-driven decision-making.

E-commerce Website Database Management, Northeastern University

Nov 2022 – Dec 2022

- Designed robust relational database infrastructure using MySQL for an E-Commerce platform ensuring seamless management.
- Developed efficient python scripts to execute sophisticated SQL queries, extracting key performance indicators (KPI's) and utilized Power BI for data visualization, presenting actionable insights to stakeholders.

AWARDS AND LEADERSHIP

- Won Bravo Award for showcasing values like “**Collaboration**”, “**Innovation**”, “**Persistence**” & “**Curiosity**” at Tata Elxsi, Bangalore.