CHAITHANYA S GUDIPATI

gudipati.c@northeastern.edu | 469-370-9767 | LinkedIn | Github

SUMMARY

Data-driven Analyst with experience in business analysis, transforming complex healthcare and finance data into actionable insights driving business growth. Expert in Python, SQL, and visualization platforms like PowerBI and Tableau to define and monitor key metrics. Aims to leverage comprehensive expertise to provide actionable insights and optimize data strategies for the organization

EDUCATION

MS in Data Analytics Engineering, Northeastern University, Boston, MA	Sep 2022 – May 2024
BE in Electronics & Communications Engineering, **MS Ramaiah Institute of Technology**, Bangalore, India	Aug 2015 – Aug 2019

WORK EXPERIENCE

Data Analyst, Tata Elxsi, Bangalore, India   Sep 2019 – Aug 2022

- Developed and managed data ingestion pipelines to extract, transform and load (**ETL**) structured and unstructured data(CSV, JSON, XML) from multiple sources of healthcare providers into a data lake, ensuring compliance with data standards and policies, enhancing **data accuracy** by 20%
- Lead data cleansing initiative and performed **ad-hoc analysis** on large-scale datasets to interpret trends, leveraging advanced **SQL** techniques and automated python scripts to extract, clean, manipulate and analyze data, resulting in improved operational efficiency and cost reductions
- Conducted **statistical analysis** and validation and testing of models to transform complex data into actionable insights to stakeholders and management, providing data-driven recommendations to optimize **business objectives** and enhanced **decision-making** efficiency by 30%
- Created numerous SQL queries over large datasets(>1M records) to carry out ad-hoc analysis for 4 departments to identify, analyze, and interpret trends and patterns in datasets and shared with stakeholders
- Developed over 70 dashboards in **Power BI** within $300M organization, delivering strategic marketing recommendations to key stakeholders, contributing to 14% increase in sales by leveraging DAX, Power Query, and M language to efficiently transform the data
- Collaborated with sales and marketing teams to extract, synthesize and analyze data, define and validate **key performance indicators and performance metrics** and reporting requirements, define sales and growth strategies and drive **business growth**
- Developed a dynamic dashboard in **Tableau** to analyze trends in **supply chain** data, manage inventory levels, and forecast inventory, enhancing visibility of **KPIs** and resulted in 5% increase in operational efficiency
- Ensured data accuracy, integrity and consistency by performing data validation and quality checks and maintained **documentation** of BI processes
- Used Google Analytics to gather and interpret customer insight data, collaborating with cross-functional teams to conduct targeted market research and customer insights analysis, resulting in a 15% increase in user satisfaction

Intern, Tata Elxsi

- Analyzed customer behavior and sales trends using **SQL,** Adobe Analytics and Google Analytics tools, prepared monthly reports, enhancing **marketing** and promotional programs for web application, improving **customer experience** and leading to 15% increase in digital sales
- Collaborated with clients to gather **business and user requirements,** design and develop critical data systems infrastructures ensuring scalability
- Increased data retrieval efficiency by over 33% through advanced SQL query optimization techniques (CTEs, Window Functions) & indexing
- Utilized **Microsoft Excel** to develop pivot tables, macros, and charts for visualizing large data sets, enabling senior management to identify trends and make informed decisions, leading to 20% increase in revenue

TECHNICAL SKILLS

Programming Languages & Databases - Python, R, SQL, MS SQL, PostgreSQL, MongoDB
Tools and Editors – Microsoft Excel(Pivot Tables, Macros, V-LOOKUP's), PowerPoint, Word, Git, Jira, SAP, Tableau, PowerBI, Snowflake
Packages & Frameworks - Microservices, REST API, Numpy, Pandas, TensorFlow, Scikit-Learn
Cloud Technologies - Kinesis, EMR, Glue, Athena, Redshift, Lambda, DynamoDB, S3, IAM, CloudWatch, Quick Sight
Others – Data Analysis, Data Mining, Data Manipulation, Database Management, Data Visualization, Statistical Modeling, Data Modeling, Agile Methodology, Statistics, Business Analysis, Machine Learning, Predictive Modeling, Forecasting, ETL, Attention to detail, Collaboration, Detail Oriented, Problem-Solving, Critical Thinking, Analytical Skills, Project Management, Business Intelligence, Query Optimization

ACADEMIC PROJECTS

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

- Led the design and implementation of ETL project to extract, transform and load data from diverse energy sources into a data warehouse. Utilized Tableau and AWS Quick Sight for in-depth analysis of large datasets, enhancing data-driven decision-making

E-commerce Website Database Management, Northeastern University   Nov 2022 – Dec 2022

- Designed relational database infrastructure using MySQL for E-Commerce platform and developed python scripts for querying database and KPI analysis, and utilized Power BI for presenting actionable insights to stakeholders through data visualization

AWARDS , LEADERSHIP AND CERTIFICATION

- Won Bravo Award for showcasing values like "**Collaboration**", "**Teamwork**", "**Innovation**", & "**Curiosity**" at Tata Elxsi, Bangalore
- **AWS Certified** – Developer Associate (Link), Cloud Practitioner (Link)