Navya Yadagiri

LinkedIn | GitHub | Tableau | 224-622-1429 | nyadag2@gmail.com

WORK EXPERIENCE

Anagha Solutions   **Austin, TX**
Data Analyst   *October 2023 – Present*
- Utilized data visualization tools, **Power BI** to create dashboards and reports for claims processing optimization, resulting in a **30%** improvement in claims resolution accuracy and a decrease in error rates by 12%.
- Employed advanced **SQL** scripting techniques to extract, transform, and preprocess healthcare insurance data from relational databases, improving data accuracy by 10% and reducing manual data entry errors.
- Identified data quality issues through comprehensive data profiling, testing, and validation, collaborating with senior analysts on large-scale projects to ensure data integrity and accuracy
- Performed routine quality checks on distributed reports and existing **SSRS** reports to ensure compliance with healthcare data standards, maintaining the integrity of patient and operational data for informed decision-making.

Sling TV   **Denver, CO**
Data Scientist II   *January 2023 - August 2023*
- Developed **Tableau/Adobe Analytics** dashboards showcasing usage metrics and driving data-driven decisions for sling.com
- Performed exploratory data analysis on clickstream data on **AWS Athena and Redshift** to analyze the tab visits and view time
- Leveraged **SQL and AWS**, including **Redshift**, for data extraction and transformation, supporting customer segmentation and created impactful Tableau dashboards for marketing teams.
- Developed **Tableau** dashboards and scripted backend **SQL** queries, analyzing user behavior to uncover patterns, trends, and anomalies, enhancing insights into tab visits, sign-ups, and playback initiations of sling website.
- Deployed **S3** for efficient and secure storage of large datasets, streamlining data access and retrieval operations, leading to a 15% reduction in data retrieval time

University of Illinois at Chicago   **Chicago, IL**
Graduate Assistant   *January 2021 – December 2022*
- Led the creation of **Tableau** dashboards and **SQL-driven** visualizations to monitor IT issue tickets and resolution steps, effectively communicating insights to stakeholders. This initiative earned positive feedback from faculty and increased dashboard usage by 25%.
- Provided IT support to over 250 faculty and staff in the College of Business Administration. Independently managed the **SharePoint** portal, including creating automated workflows with **SharePoint Designer** and **Power Automate** for employment offer letters.

IKS Health   **Chicago, IL**
Data Analyst Intern   *August 2022 - December2022*
- Leveraged generative AI techniques to build a **BART-based Seq2Seq model** for abstractive summarization of physician- patient conversations, addressing the challenge of reducing physician documentation time.
- Implemented a sequence-to-sequence transformer model with **RNN** architecture, harnessing generative AI capabilities to process and summarize dialogue between physicians and patients effectively.
- Attained a remarkable 88.13% accuracy in summarization, assessed through **BLEU score** evaluation, as a noteworthy achievement within the context of a capstone project.

Mu Sigma Business Solutions   **Bengaluru, IN**
Decision Scientist   *August 2018 – December 2019*
- Conducted comprehensive analysis of over **300,000** social media posts to identify unlisted patient concerns and complications related to breast implants, utilizing natural language processing tools like **cTakes** and machine learning algorithms such as **Random Forest, text processing** for sentiment analysis, resulting in actionable insights for improving patient care and product development.
- Leveraged social media data to perform sentiment analysis and identify brand-specific concerns across major implant manufacturers, comparing complications by surgery type and implant type, and enhancing post-marketing surveillance capabilities through innovative data-driven approaches.
- Conducted comprehensive On-Time Performance (OTP) analysis and forecasting using **Teradata SQL and Python**, leveraging exploratory data analysis techniques to enhance operational efficiency and predictive accuracy.
- Engineered data pipelines using **Teradata SQL** and **Alteryx** to automate the monitoring of fleet size and rapid rewards enhancing reporting capabilities.
- Designed and implemented ETL workflows using **Alteryx**, integrating data from Oracle, Teradata, and cloud systems to enhance data accessibility and consistency across platforms

SKILLS & INTERESTS

- **Programming Languages:** SQL, Python (pandas, matplotlib, ggplot, NumPy, SciPy, beautifulsoup), R (rpart, ggplot2, tidyverse, Dplyr, caret, plotly, XGboost)
- **Cloud Environments /Databases:** MySQL, SQL Server, Oracle PL SQL, Postgres, Teradata, T-SQL, Redshift, Azure, Git, Google Cloud, AWS Athena, Snowflake, Adobe Analytics, Google Colab
- **IDE/ BI Tools:** Tableau, Alteryx, PowerBI, SSRS, VS Code, Excel, AWS QuickSight, Microsoft SharePoint, Microsoft Access, Jupyter Notebook
- **Certifications:** AWS Cloud (AWS Cloud Practitioner), Tableau (Tableau Desktop Specialist), Alteryx (Designer Core Micro- Credential: General Knowledge, Alteryx Foundational Micro-Credential), Generative AI Fundamentals

EDUCATION

Liautaud School Of Business. University of Illinois at Chicago   **Chicago, IL**
MSc in Management Information Systems (GPA: 3.6)
Amrita Vishwa Vidyapeetham   **Karnataka, IN**
Bachelor of Engineering in Computer Science (GPA: 8.3/10)