

Navya Yadagiri

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WORK EXPERIENCE

Anagha Solutions

Austin, TX

October 2023 – August 2024

Data Analyst

- Leveraged advanced **SQL to ETL** healthcare insurance data (policy details, claims history, eligibility, premiums) from third-party agent databases, improving consistency by 10% and reducing manual reconciliation.
- Built **Tableau** dashboards to monitor claims lifecycle KPIs—submission timelines, approval/denial rates, and agent performance—boosting processing efficiency by 30% and reducing errors by 12%

Sling TV

Denver, CO

January 2023 - September 2023

Data Scientist II

- Applied dimensional data modeling techniques (star schema) to design analytical datasets tracking **Picture-in-Picture (PiP)** usage across device types, enabling efficient and scalable BI reporting.
- Built end-to-end **Tableau** dashboards and supporting **SQL** data pipelines to monitor **PiP** engagement metrics, including session length, activation frequency, and device-specific behavior.
- Partnered with product and engineering teams to define KPIs and translate business requirements into data models, improving visibility into new feature adoption across platforms.
- Leveraged **Teradata SQL, AWS Redshift, and Alteryx** to develop performant data pipelines, transforming raw usage logs into meaningful insights for **PiP** performance reporting.
- Conducted in-depth exploratory data analysis on clickstream and device-level data to identify patterns in **PiP** feature usage and inform UX improvements.
- Delivered actionable insights to marketing and leadership teams through interactive dashboards, helping drive user engagement strategy for multi-tasking and second-screen features.

University of Illinois at Chicago

Chicago, IL

January 2021 – December 2022

Graduate Assistant

- Led the creation of **Tableau** dashboards and **SQL-driven** using **DBeaver** 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.

IKSHealth

Chicago, IL

August 2022 - December 2022

Data Analyst Intern

- 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.

Mu Sigma Business Solutions

Bengaluru, IN

August 2018 – December 2019

Decision Scientist

- 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, Redshift, Azure, Git, Google Cloud, AWS Athena, Snowflake, Adobe Analytics, Google Colab
- IDE/ BI Tools:** Tableau, Alteryx, PowerBI, VS Code, Excel, AWS QuickSight, Microsoft SharePoint, Microsoft Access, Jupyter Notebook, DBeaver
- 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

Amrita Vishwa Vidyapeetham

Karnataka, IN

Bachelor of Engineering in Computer Science