

ANISH KOLAPARTHI

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EDUCATION

Master Of Science, Data Science – 3.9/4
University of Michigan – Dearborn, Michigan

Aug 2023 – Present

Bachelor Of Technology, Electronics and Communication Engineering – 3.7/4
SRM Institute of Science and Technology, Chennai, Tamil Nadu

Aug 2017 – June 2021

SKILLS

Languages: SQL, R, Python

Technologies & Tools: MS Excel, PostgreSQL, GIT, Concourse, Atlassian JIRA, MS PowerBI, Sourcetree, Colab

Domain: Machine Learning, DevOps

Interpersonal: Communication, Conflict resolution.

EXPERIENCE

PACKAGED APP DEVELOPMENT ASSOCIATE
Accenture Solutions Pvt Ltd, Hyderabad, Telangana, India

Sept 2021 – July 2023

- **Partnered** with cross-functional teams to add and manage content on the company's portal, ensuring up-to-date and accurate information for users.
- **Executed** content updates and enhancements to improve user experience, resulting in increased engagement and satisfaction.
- **Spearheaded** application deployments and validation through GitHub, handling code merges, conflict resolution, branch management, and self-service tasks.
- **Designed** and **monitored** CI/CD pipelines using Concourse, resolving merge conflicts, and managing branch activities to ensure smooth software delivery.
- **Developed** and **maintained** service account datasets, GCP buckets, and PUBSUB subscriptions as part of self-service initiatives, improving data accessibility and processing efficiency.
- **Served** as the primary point of contact for project-related issues and concerns, coordinating DevOps activities, pipeline maintenance, and data refresh tasks, thereby ensuring timely and successful project delivery.

PROJECTS

Analyzing Query Complexity Using Zillow Real Estate Data

Nov 2023 – Dec 2023

- Collaborated on experiment design, data preparation, and performance analysis, producing a report on SQL query efficiency and scalability.
- Designed and implemented a PostgreSQL 13 database from an ER diagram.
- Developed and executed SQL queries, utilizing EXPLAIN ANALYZE to assess performance and optimize queries with and without indexing.

Sentiment Analysis on Car Reviews

Mar 2024 – Apr 2024

- Collected and compiled a comprehensive dataset of car reviews from Kaggle.
- Applied text preprocessing and normalization techniques to prepare the data for analysis.
- Extracted features to correlate sentiments with review topics, improving analysis relevance.
- Implemented and compared various supervised learning algorithms to determine the best-performing model for classifying review sentiments.

Predicting County-level Poverty Rates across the US

Mar 2024 – Apr 2024

- Leveraged R programming for data analysis, model building, and validation.
- Developed a multiple linear regression model to predict poverty rates.
- Selected and validated key predictor variables to enhance model accuracy.
- Conducted exploratory data analysis (EDA) to identify significant relationships between the variables in the dataset.

AWARDS

- **Best People Award**, Accenture, September 2022 and **CNA SPOT Award**, Accenture, February 2023.