

# Jithesh Yemi Reddy

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## EDUCATION

### The University of Texas at Dallas

January 2022 – December 2023

*Master of Science, Business Analytics, Data Science Concentration*

**GPA 3.96**

**Relevant coursework:** Advanced Statistics, Business Analytics, Database Foundations, Big Data, Applied Machine Learning, AWS Cloud Solution Architecture, Prescriptive Analytics, Predictive Analytics

### Visvesvaraya Technological University

August 2016 – August 2020

*Bachelor of Engineering*

**GPA 3.7**

## CERTIFICATIONS AND TECHNICAL SKILLS

Certifications: AWS Solution Architect, Google Data Analytics, Analytics for Business in the field of Statistics  
Programming: Python (Scikit-Learn, Pandas, Numpy), R, SQL, PySpark  
Analytical: Data Mining, Data Visualization, Supervised and Unsupervised, Forecasting, Statistical Modelling  
Tools: [Tableau](#), PowerBI, MYSQL, Mongo DB, Excel, GIT, Agile (Jira), Databricks

## ACADEMIC PROJECTS

### ETL Pipeline Automation, PySpark, AWS

January 2023 – March 2023

- Implemented end-to-end data pipeline utilizing AWS services, with Glue for ETL and automated triggers which resulted in the reduction of manual effort of transforming data from multiple sources.
- Leveraged Athena for querying transformed data in S3 and utilized Tableau for data visualization by creating insightful reports and dashboards.

### Mark Your Customer, Python

August 2022 – December 2022

- Engineered the dataset by performing exploratory data analysis (Pandas, Numpy) and handling the missing values, duplicates, and outliers while simultaneously performing feature scaling to obtain quality data.
- Performed principal component analysis in order to achieve a dimensional reduction.
- Evaluated Logistic regression, Decision tree models by interpreting the confusion matrix per the requirement.

### User-Based Drug Reviews, SQL, Tableau

February 2022 – May 2022

- Engineered MySQL Database schema by developing logical and physical data models and with data loading.
- Leveraged aggregate and analytical functions in SQL to generate a report with 10 business insights.
- Constructed an interactive [dashboard](#) using Tableau and assessed analytical reports for business operations.

## PROFESSIONAL EXPERIENCE

### Business Intelligence Intern, eClinicalWorks, Boston

May 2023 – Present

- Collaborated with the team to understand their requirements, delivering tailored custom clinical reports.
- Conducted testing of reports to ensure alignment with documentation and accurate representation of data.
- Automated manual tasks using Python, reducing errors and improving efficiency by 20%.

### The University of Texas at Dallas, Graduate Teaching Assistant

August 2022 - Present

- Conducting weekly office hours to assist 200 students in learning the course content and grading the coursework.
- Assisting Professors in preparing lecture materials and PPTs for Database SQL class.

### Zersys Technologies Private Limited, Jr. Frontend Engineer

November 2020 – October 2021

- Promoted to a full-time role after working with 8 stakeholders to revamp Kawasaki's e-commerce site. This resulted in a \$100,000 increase in their merchandise sales within 3 months.
- Designed and developed a custom website for a dive school in the Maldives, performed optimization to improve its search engine visibility, and achieved a 19% increase in sales, resulting in a significant boost.

## **ORGANIZATIONS**

**Mentor at Business Analytics Leadership Council**, The University of Texas at Dallas

March 2022 – Present

**Officer at The Data Science Club**, The University of Texas at Dallas

January 2022 – Present

**Officer at The Marketing Analytics Club**, The University of Texas at Dallas

January 2022 – Present