# Jithesh Yemi Reddy

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## SUMMARY

Data Analyst with 2+ years of experience in the tech industry. Proven ability to collect, clean, analyze, and visualize data to identify trends and patterns, and to make data-driven recommendations. Expertise in SQL, Python, Power BI, and Excel.

## SKILLS

**Programming: Python (Scikit-Learn, Pandas, Numpy), R, SQL**

**Tools: Tableau, PowerBI, MYSQL, Excel, GIT, Agile (Jira), Alteryx**

**Analytical: Data Mining, Data Visualization, Forecasting, Regression, Statistical Methods, Data Warehousing**

## EXPERIENCE

### Business Intelligence Intern
**eClinicalWorks**                                                                                    **May 2023 - August 2023, Boston, MA**
- Collaborated with clients to understand their needs, delivering customized clinical ad-hoc reports, and optimized data modeling, resulting in a remarkable 37% improvement in report performance.
- Wrote complex SQL queries involving Advanced Joins, CTEs, Stored procedures, and triggers, effectively fetching and manipulating data for reporting needs.
- Documented reporting procedures and conducted thorough testing of existing financial reports.

### Graduate Teaching Assistant
**The University of Texas at Dallas**                                                         **August 2022 - May 2023, Dallas, TX**
- Conducted weekly office hours to assist 200 students in learning the Database course content and grading the coursework.
- Assisted Professors in preparing lecture materials and PPTs for Database SQL class.

### Data Analyst
**Zersys Technologies Private Limited**                                              **June 2020 - December 2021, Bangalore, IN**
- Engineered end-to-end data pipeline using AWS services, and automated triggers for data extracting and manipulation from various source locations, resulting in a 30% increase in efficiency.
- Developed and maintained over 10+ dashboards and produced impactful forecasting reports using visualization tools, driving a substantial 19% increase in company sales.
- Optimized SQL statements and identified bottlenecks, increasing query execution speed by 40% through query execution plan analysis.
- Identified significant drop-off points in the customer journey for an E-commerce site, analyzed conversion rates at each step, and provided actionable recommendations, contributing to a 14% increase in the purchase rate.

## PROJECTS

### Flight Price Prediction with Flask App
- Developed an end-to-end Flight Price Prediction system leveraging machine learning techniques and deployed it as a user-friendly web application using Flask.

### Mark Your Customer
- Conducted customer satisfaction analysis involving exploratory data analysis with Pandas and Numpy, and built a machine learning model with a 20% increase in accuracy and a 30% decrease in execution time, to predict the churn of the customer.

### User-Based Drug Reviews
- Designed a normalized MySQL Database schema, employed advanced SQL functions to generate 5 insightful reports, and crafted an interactive Tableau dashboard for trend analysis, incorporating KPIs and bar charts.

## EDUCATION

### Master of Science, Business Analytics, Data Science Concentration
The University of Texas at Dallas · Dallas, Tx · 2023 · 3.80

### Bachelor of Engineering
Visvesvaraya Technological University · India · 2020 · 3.7