# Dinesh Reddy Uppuluri

Jr. Data Scientist

Data Scientist Enthusiastic have a good understanding and analysis of data and has hands - on experience in working with the end-to-end workflow of machine learning on the Azure platform, including model tracking and deployment.

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## WORK EXPERIENCE

### Jr. Data Scientist
Diggibyte Technology Private Ltd.

*05/2022 - 06/2023* *Bangalore*

*Responsibility*

- Developed a range of machine learning models and tuned by hyper-parameters to tackle business challenges effectively.
- Utilized Azure Databricks platform, leveraging features such as mlflow, AutoML, and feature store, to streamline the end-to-end machine learning workflow from raw data to deployment.
- Collaborated with diverse teams to develop a proof of concept (POC) using ChatGPT, resulting in successful client satisfaction.

## PROJECTS

OpenAI Fine-Tuning - Sales data (02/2023 - 04/2023)

- Extracted essential sales data features for insights and integrated Azure OpenAI API with Python to generate insights from the provided data.
- Collaborated with full-stack developers to design a user-friendly web page and interface for a proof of concept demonstration.
- Achieved client satisfaction through successful execution and 90% quality results in the POC.

Customer Lifetime Value (CLV) - Consumer Appliances (08/2022 - 01/2023)

- Collaborated with the Databricks team to analyze customer lifetime value for a prominent global home and kitchen appliances brand.
- Performed exploratory data analysis by extracting pertinent data columns and utilized RFM values for customer segmentation. Additionally, I employed BTYD models to predict Customer Lifetime Value for the next 2 years.
- Measure the customer lifetime value using the lifetime library.

Propensity 360 - Banking (06/2022 - 11/2022)

- Developed a propensity model for a leading bank, aiding in customer growth and identifying prospects for upselling. The model reduced costs by 30% through early churn prediction for new products, enabling precise customer targeting for effective upselling.
- Integrated multiple use cases, including lead conversion, the propensity to engage, customer lifetime value, and churn rate forecasting, giving a complete approach to understanding customer behavior.
- The cluster technique integrated was used for tracking and MLflow for segmentation.

## EDUCATION

### Bachelor of Technology
Sri Venkateswara Institute of Technology

*08/2017 - 06/2021* *CGPA - 70%*

*Courses*

- Mechanical Engineering

## SKILLS

Python | pandas | EDA | numpy | SQL | seaborn | NLP | matplotlib | Statistics | Scikit-learn | Tensorflow | Pycharm | Langchain | Pyspark | Gensim | Azure | Azure OpenAI | Transformers | Mlflow | AutoML | Feature Store | Data Structures | Github

## CERTIFICATES

Databricks Machine Learning Associate (04/2023 - 04/2025)

## LANGUAGES

English
*Professional Working Proficiency*

Telugu
*Full Professional Proficiency*

## SOFT SKILLS

Quick learner | problem solver | Communication skills