

Savita Rakareddi

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EDUCATION

Dayananda Sagar University

B.Tech in Aerospace Engineering

Bengaluru

Graduation Date: May 2023

SKILLS

Programming Languages: Python, SQL

Machine Learning: Supervised & Unsupervised Learning, Deep Learning

Frameworks & Libraries: Scikit-Learn, Pandas, NumPy, TensorFlow, PyTorch

Data Visualization: Tableau, Power BI, Matplotlib, Seaborn

Data Tools: Excel, GIT, PostgreSQL, Oracle

Soft Skills: Communication, Analytical Thinking, Collaboration

WORK EXPERIENCE

Cognizant

Bengaluru

Programmer Analyst Trainee

Mar 2024 - Jan 2025

- Enhanced Data Management Efficiency:** Leveraged SQL to streamline data cleaning and storage processes, significantly improving data retrieval speed and reliability.
- Optimized Data Transformation:** Deployed Informatica Intelligent Cloud Services (IICS) to automate and accelerate data processing workflows, reducing processing time by 15% and boosting operational efficiency.
- Empowered Strategic Decision-Making:** Designed and implemented dynamic dashboards and interactive visualizations using Power BI, equipping stakeholders with actionable insights that drove measurable improvements in sales performance.

PROJECT EXPERIENCE

Text Summarizer

- Developed an NLP pipeline for text cleaning and tokenization, preparing 100,000+ Amazon reviews for modeling.
- Built an LSTM-based summarization model with attention in TensorFlow and Keras, achieving concise, accurate summaries.

Housing Price Prediction

- Preprocessed and engineered features on a housing dataset using Pandas, and NumPy, enhancing model accuracy.
- Implemented and optimized Random Forest and Decision Tree models, achieving 85% accuracy and improving performance with custom.

Fraud Detection in Credit Card Transactions

- Designed and implemented a supervised learning model to identify fraudulent transactions, achieving high accuracy while addressing class imbalance issues.
- Deployed a real-time fraud detection system, enabling instant analysis and predictions for secure credit transactions.

CERTIFICATES

- Python for Machine Learning & Data Science: Pandas, NumPy, Matplotlib, Seaborn, Scikit
- The Complete SQL Bootcamp: Fundamentals, Aggregate Commands, Functions, Joins
- Tableau 2024 A-Z: Analyse and Visualise data