



Marand Sachin Shambhubhai

Artificial Intelligence and Machine Learning Engineering

L.D. College Of Engineering

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B.E

Male

Examination	University	Institute	Year	CGPA/%
Graduation	GTU(AIML)	LDCE ahmedabad	2022-26	8.08
HSC	GSEB	GNSE Kutch	2022	77.8
SSC	GSEB	P.N Amersey Kutch	2020	74

PROJECTS

- **Energy-Theft-Detection Using Machine Learning** (Aug'23-Feb'24)
 - Developed a machine learning-based solution to identify electricity theft in smart grids using consumption patterns. Collected and preprocessed real-world energy usage data, engineered features indicative of abnormal behavior, and trained classification models (Random Forest, XGBoost) achieving high accuracy in detecting fraudulent activities. Visualized anomalies with time-series plots and deployed the system for real-time alerts. Enhanced reliability of energy distribution and reduced revenue losses for utility providers.
- **Fake News Detection Using Deep Learning** (April'24-June'24)
 - Designed and implemented a deep learning model to classify news articles as fake or real. Collected and cleaned large-scale text datasets, converted text to embeddings, and trained LSTM and CNN architectures to capture sequential and contextual patterns. Achieved high accuracy and F1-score on validation data. Deployed the model with a user-friendly interface for real-time fake news detection, contributing to efforts in curbing misinformation online.
- **E-commerce Sales Analysis** (Jan-'25-May'25)
 - Conducted comprehensive analysis of sales transaction data from an e-commerce platform to identify top-selling products, seasonal purchasing trends, and customer buying patterns. Performed cohort and churn analysis to evaluate customer retention, and used segmentation to profile high-value customers. Developed interactive dashboards to visualize KPIs, providing actionable insights for optimizing inventory, pricing strategies, and targeted marketing campaigns.

TECHNICAL SKILLS

- Programming Languages - Python, C
- Machine Learning - Scikit-learn, XGBoost, Supervised, Unsupervised, Ridge and Lasso
- Deep Learning - TensorFlow, Keras, PyTorch
- Data Visualization - Matplotlib, Seaborn, Plotly, Tableau/Power BI, Pandas, Numpy
- SQL & Databases - SQL
- Statistics & Probability - Hypothesis testing, distributions, statistical modeling

WORK EXPERIENCE & INTERNSHIPS

- **Artificial Intelligence Intern | IBM** (July'24-Aug'24)
 - Completed an internship focused on Artificial Intelligence, specializing in Generative AI, prompt engineering, and chatbot development using IBM Watson Assistant. Gained hands-on experience designing conversational flows, fine-tuning prompts for improved response accuracy, and integrating chatbots with web applications. Collaborated on real-world projects to enhance customer support automation and improve user engagement through intelligent conversational interfaces.
- **Business Analyst | Tridhya Tech Limited** (July'25)
 - Completed a Business Analyst internship at Tridhya Tech, focusing on extracting data-driven insights and optimizing business processes. Analyzed customer purchase behavior using sales and interaction data to identify patterns and bottlenecks. Recommended targeted UI/UX improvements to enhance user experience and boost engagement potential. Collaborated with cross-functional teams to translate analytical findings into actionable strategies, contributing to increased customer satisfaction and streamlined workflows.

ACHIVEMENT

- *State-level kabaddi player with strong teamwork and leadership skills.*
- *Top 10 Finalist – HACKA-NUTHON 6.0 (2025)*

AREA OF INTEREST

- *Data Science and Machine Learning*
- *Predictive Analytics and Business Intelligence*

HOBBY

- *Sports and Fitness – Actively involved in kabaddi, emphasizing physical fitness, perseverance, and a commitment to continuous improvement.*
- *Organizing events and leading groups - demonstrating initiative and communication skills*