TAMSA KARWA

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SUMMARY

Aspiring Data Scientist with a strong foundation in Python, machine learning, deep learning, and a growing interest in generative AI. Skilled in applying data-driven techniques to develop AI models and solve real-world problems. Eager to contribute to challenging projects while continuously expanding technical skills.

TECHNICAL SKILLS

Languages: Python, SQL
Libraries/Frameworks: NumPy, Pandas, Matplotlib, TensorFlow, PyTorch
Tools: Tableau, MySQL, Git
Concepts: Machine Learning, Deep Learning, NLP, Generative AI
Other: Data Visualization, Statistical Modeling

PROJECTS

Chatbot for Intent Classification – Natural Language Processing

- Built a rule-based chatbot using Python, NLTK, and scikit-learn for intent detection and automated responses.
- Applied NLP techniques (tokenization, lemmatization) and a Bag-of-Words model for user input processing.
- Designed a JSON-based modular framework to define intents and enable easy response customization.
- https://github.com/tamsakarwa/Chatbot.ML

Stock Market Prediction / Telegram Bot Notification System - Machine Learning

- Designed predictive models using ML algorithms for stock trend forecasting.
- Implemented a Telegram bot for real-time prediction notifications.
- Automated analysis and visualizations to enhance decision-making.
- https://github.com/tamsakarwa/Stock-Market-Prediction-with-Telegram-Bot

EDUCATION

Vellore Institute Of Technology, Bhopal   2022-2026
B.Tech Computer Science & Engineering (AI&ML)
GPA : 7.9/10
Brijlal Biyani Science College (HSC)   2020-2022
Grade XII
 80%
Tomoae School (ICSE)   2020
Grade X
94%

CERTIFICATES

- Google Data Analytics Professional Certificate — Coursera
- IBM Data Science Professional Certificate — Coursera
- Deloitte Data Analytics Virtual Experience Program — Forage (2024)