

CONTACT

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PROJECTS

Tweet-to-Trade: Sentiment-Driven Stock Signal Generator

- Built a pipeline to scrape tweets from financial influencers using snsrape and analyze sentiment using the VADER model to predict stock movement (TSLA).
- Merged tweet sentiment with daily stock price data (yfinance) to generate buy/sell signals and backtested the strategy based on next-day returns.
- Achieved cumulative return outperformance over buy-and-hold in backtest simulations, demonstrating skills in NLP, feature engineering, and financial analysis.

Breezio – AI-Powered Weather & Air Quality Advisory Platform

- Built an end-to-end responsive web app using Bolt.new (AI-powered code editor), handling both frontend and backend development independently.
- Integrated weather, air quality, and news APIs to deliver real-time environmental data, personalized location-based health advice (e.g., mask recommendation), and daily news updates.
- Implemented user authentication with Supabase, a search system for checking other cities' weather, and dynamic geolocation to enhance user experience with hyperlocal forecasting

EDUCATION

VISWAKARMA UNIVERSITY PUNE | 2023-2027

BTech Artificial Intelligence and Data Science

- SmartWaste – IoT & Data-Driven Trash Management System –
Built an IoT-based smart trash monitoring system that alerts and optimizes trash collection routes based on real-time bin fill levels.

CERTIFICATES

Project Management

Completed a Project Management course covering project lifecycle, risk analysis, scheduling, and stakeholder communication using industry-standard tools and frameworks.

Data Science Course

Completed a hands-on data analysis course using Python and Power BI to clean, analyze, and visualize real-world datasets through code and interactive dashboards.