Shivam
Data Scientist

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PROFILE

Experienced Data Analyst with 1.1+ years with Deloitte and certified Data-Scientist from IIT-M, skilled in data analysis, and dedicated to extracting valuable business insights. Transitioning with a solid foundation in Data processing, Machine Learning, Natural Language Processing, and generative AI committed to ongoing learning and applying advanced techniques for data-driven business growth.

SKILLS

Programming Languages : Python, SQL, MongoDB, HTML
Data Science : Machine Learning, Deep Learning, NLP, Computer Vision, EDA, LLMs, GenerativeAI, Mathematics
Tools : PowerBI, Tableau, Selenium, Streamlit, Excel, BeautifulSoup , AWS, HuggingFace
 Python libraries : Tensorflow, Keras, NLTK, Scikit-Learn

PROJECTS

Investment Opportunity Analysis (EDA)
Key Skills: Machine Learning, Feature Engineering, Selenium

- Conducted quantitative Analysis for Investment Opportunity to support strategic decision-making at Spark Funds, focusing on identifying the best sectors, countries, industry trends and investment types for maximizing returns.
- Utilized statistical analysis and data visualization techniques to compare typical investment amounts in various venture types, identify countries with the highest investment activity, and analyze sector-wise distribution of investments
- Conducted in-depth research and analysis to give financial expertise in investment, decision-making and risk assessment

Customer Conversion rate on E-Commerce site
Key Skills: Tableau, Streamlit, EDA, ML
- Developed a customer conversion rate prediction model for an E-commerce website
- Engineered an end-to-end ML model achieving over **99%** accuracy and deployed it on Streamlit
- Test Accuracy: 99.415%. Precision, recall, and F1-score for both classes exceeded 99%
- Enables accurate prediction of visitor conversion, aiding in targeted marketing and sales strategies to improve sales.

Stock Price Prediction And Forecasting using LSTM
Key Skills: Python, ML, Tensorflow, Keras
- Developed and implemented the model using LSTM neural networks, leveraging statistical analysis and Machine Learning Techniques
- Analyzed large financial datasets to identify patterns, providing valuable market intelligence for investment strategies.
- Evaluated model performance using Root Mean Squared Error (RMSE), achieving an RMSE of 140.99 on the training data and 235.72 on the test data.

PROFESSIONAL EXPERIENCE

Data Analyst
Deloitte   June 2022 – July2023 | Bengalore
- Led the end-to-end creation and testing process for System Integration Testing (SIT) of ETL pipelines, ensuring seamless data flow and accuracy across 100+ files
- Achieved **100%** Success Rate in Unit Testing: Conducted rigorous unit testing procedures resulting in a flawless performance across all developed modules and lambda jobs.
- Collaborated with the team to design and implement technical workflows for the unit testing, maintaining clear communication to solve business challenges and present recommendations to management.
- Engineered Custom Prompts for GenerativeAI: Engineered custom prompts tailored to specific use cases, resulting in a **20%** improvement in model performance

EDUCATION

IIT-M Advanced Programming Professional & Master Data Science   Oct 2023 – Feb 2024 | Chennai
IIT-M GUVI

Bachelor of Technology   May 2018 – May 2022 | Sikkim
NIT Sikkim

CERTIFICATIONS

- Data Scientist
- AWS Certified Developer Associate