Rakesh yadav

Data Scientist
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GitHub | Linkdin

About Me

- Passionate about data science with a strong foundation in leveraging Python and SQL to analyze and derive meaningful insights from Data.
- Committed to learning and applying data science techniques to solve real-world problems.
- Adopting new Skills and Technology with market standards.
- Skilled in working with various data tools and platforms to manage and interpret data effectively.

Technical Skills

- **Artificial Intelligence (AI):** Data Analytics, Predictive Modeling, Machine Learning, Deep Learning, Computer vision (CV), Neural Network,Artificial Neural Networks,Convolutional Neural networks, Natural language processing (NLP).
- **Generative AI (Gen AI):** LangChain ,Gemini,Llama3.
- **Libraries:** Pandas, NumPy, NLTK, OpenCV, scikit-learn, TensorFlow, Keras, MediapipeLine.
- **Data Visualization:** Seaborn and Matplotlib, PowerBI, Tableau.
- **Data Collection and Storage:** SQL, MySQL .
- **Mathematical Skills:** Probability and Statistics.
- **Development:** Git
- **Deployment:** Streamlit.
- **Platforms:** Anaconda, Jupyter Notebook, Spyder IDE, Visual Studio, Windows.

Experience

A3MAX Software Technology | Data Scientist

Responsibilities and contribution:

- Performed Exploratory Data Analysis (EDA) to identify patterns and insights in data, aiding in better decision-making.
- Contributed to model retraining efforts, resulting in improved overall market growth predictions.
- Assisted in identifying and implementing filters and hyper-parameter tuning, achieving better model performance.
- Building GenerativeAI Models, Adopting New Skills and Technology.

Key Achievement : Teamwork with quality & timely project completion.

Projects / Open-Source

- **GenAi-3 Projects** Link
  - Developed an AI-driven application that analyzes food photos to estimate calorie content, assisting users in maintaining a healthy diet.
  - Created an AI bot capable of interpreting invoices in multiple languages, extracting and providing detailed invoice information.

- Developed a tool using generative AI to enhance PDFs with analysis, text and image embedding, and automated annotations for comprehensive document overviews.

- **Telecom Customer Churn Project |** Link
  AIM : Buliding a computer model which predicts whether the customer Leave or not.
- **Computer Vision Projects with Media-Pipe|** Link
  AIM : Building a Face detection Model And Pose Detection model.
- **Diabetes Prediction |** Link
  AIM : Develop a machine learning model to predict individual diabetes risk, enabling proactive healthcare decisions and personalized patient management.

Certification

- Full Stack Data Scientist | NareshIT

Education

University : Osmania University July 2020 - July 2023

College : Anish Degree College

Branch : B-com(Computer Applications)