Pratham Yeshwante

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Skills

- **Programming Languages** — Python, R
- **ML/DL Libraries** — Numpy,Pandas,Skit-learn,Tensorflow,Keras,PyTorch,spaCy,OpenAI(LLM)
- **Data Visualization** — PowerBi,Matplotlib, Seaborn,Plotly
- **Database Management** — SQL, NoSQL
- **Cloud** — AWS, Google Cloud

Experience

Ai Variant, Data Science Intern **Oct 2023 - April 2024**
Internship Projects:
Resume Classification Project | LINK

- Developed a machine learning model for automated resume classification using TF-IDF vectorization and various classification algorithms.
- Preprocessed resume text data, including cleaning, tokenization, and stop-word removal.
- Employed TF-IDF vectorization to transform textual data into numerical features, capturing the importance of words within a document.
- Trained and evaluated different classification models to categorize resumes based on job titles or skill sets.
- Achieved a remarkable accuracy of 96% in predicting the correct categories for resumes, demonstrating the model's effectiveness.

Predicting Customer Spending | LINK

- Data Exploration and Analysis: I leverage powerful Python libraries like Pandas and Scikit-learn to delve into vast datasets of customer information.
- This allows me to uncover hidden patterns, trends, and relationships within the data, transforming raw data into actionable insights.
- Machine Learning Model Building: By implementing effective models to identify trends and patterns in customer behavior and achieving high accuracy of 98%.
- This ensures highly reliable insights that empower data-driven decision-making across the organization.

Projects

Customer Personality Analysis | LINK

- Implement customer personality analysis using the KNN algorithm to enhance targeted marketing efforts.
- Achieved an impressive accuracy of 95%, enabling the identification of customer segments most likely to adopt new products or services and tailor marketing campaigns accordingly, optimizing resource allocation and improving marketing effectiveness.

Conversational Search for PDFs using LLM | LINK

- This project utilizes large language models (LLMs) to create a conversational search interface for PDFs.
- Users upload their PDFs and can then ask questions in natural language. The application leverages LLMs to process the uploaded PDFs, generating a vector representation for efficient search.
- When a user asks a question, the application searches the vector space and retrieves relevant passages from the PDFs.
- Finally, it utilizes a generative AI model to formulate a comprehensive answer based on the retrieved context.

Education

Bachelors of Science (IT), B.K.Birla College Aug 2020 – May 2023
CGPA : 8.84 Kalyan, India

HSC (12th) Science, King Lord College Aug 2018 – Jun 2020

Certificates

Data Science Certification Course | LINK
Reg/Cert No: 16398/EXCELR/27012024

Ai Variant Internship Certificate | LINK
Code:AIV/23-24/Q1/03/14560