# **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 [2]

- 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
- Finally, it utilizes a generative AI model to formulate a comprehensive answer based on the retrieved context.

### Education

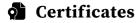
Bachelors of Science (IT), B.K.Birla College

CGPA: 8.84

Aug 2020 - May 2023 Kalyan, India

HSC (12th) Science, King Lord College

Aug 2018 - Jun 2020



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

Code:AIV/23-24/Q1/03/14560

Ai Variant Internship Certificate | LINK