+91-7048598298
priyakumari4j4@gmail.com

PRIYA KUMARI

github.com/vibin8
linkedin.com/in/priyakumari7

Profile Summary

- Data science enthusiast proficient in Python, SQL and machine learning frameworks like TensorFlow and Scikit-Learn.
- Experienced in data manipulation, statistical analysis, and visualization techniques.
- Passionate about applying advanced analytical skills to solve complex challenges and drive data-driven decision-making.

Experience

Data Scientist (Intern) *April 1, 2024 - April 15, 2024*
Brainybeam Info-Tech PVT LTD Ahmedabad, Gujarat

- Completed a 15-day internship focused on analysing customer behaviour and engagement in e-commerce using the Ecommerce Customers dataset.
- Conducted exploratory data analysis and applied statistical modelling techniques to extract insights into customer preferences and engagement patterns.
- Utilized Python libraries including Pandas, NumPy, Matplotlib, and Seaborn for data preprocessing, visualization, and analysis.
- Investigated factors influencing customer loyalty and lifetime value, such as average session length, time spent on different platforms (App and Website), and membership duration.
- Contributed to data-driven recommendations for optimizing platform performance and enhancing user experience.

Education

- B. Tech in Computer Engineering from Indus University, Ahmedabad in 2025 with CGPA 9.47
- 12th (Senior Secondary) from Army Public School, Ahmedabad in 2021 with 95.4%
- 10th (Secondary) from Army Public School, Ahmedabad in 2019 with 98.5%

Skills

Languages:	Python, SQL
Skills:	Data Structure & Algorithms, Machine Learning
Tools:	Jupyter Notebook, Flask, NumPy/Pandas, Matplotlib/Seaborn, TensorFlow/Keras, Tableau, AWS

Projects

Dressly *Jul 2024 – Present*

- Engineered a Flask-based virtual wardrobe app, leveraging PostgreSQL for efficient data management and storage.
- Built the 'MatchMyFit' algorithm to dynamically generate personalized outfit suggestions based on user inputs and contextual factors.
- Crafted an interactive UI with HTML, CSS, and JavaScript, incorporating various effects for enhanced user engagement.
- Optimized backend processes for image upload, categorization, and retrieval, ensuring seamless user experiences.
- Developed an AI-powered chatbot using the LLaMA 3 model to provide personalized styling advice and enhance user engagement.

AgroRishi, *Hackout'24, DA-IICT* *Aug 2024 – Aug 2024*

- Developed AgroRishi, a Flask-based platform integrating Bluetooth sensors to monitor and display real-time soil moisture, temperature, and humidity data.
- Deployed ML models for real-time crop health analysis, enhancing early disease detection and providing data-driven recommendations.
- Designed and implemented a multilingual chatbot using LLaMA 3 for personalized farming advice, pest management, and contextual support.
- Created a dynamic dashboard for visualizing sensor data and providing actionable insights, enhancing farm management efficiency.

Ecommerce Project *Apr 2024 – Apr 2024*

- Analysed a dataset with 8 customer attributes to uncover insights into engagement patterns and preferences.
- Performed exploratory data analysis on average session length, time spent on app vs. website, and membership length, revealing that a 1 unit increase in time on app is associated with an increase of 38.59 total dollars spent.
- Developed statistical models to predict customer lifetime value and retention.
- Technologies used: Python, Pandas, NumPy, Matplotlib, Seaborn.

Olympic Medal Prediction *Mar 2024 – Mar 2024*

- Developed a linear regression model to predict Olympic medal outcomes based on historical data.
- Performed data preprocessing, exploratory analysis, and feature selection to enhance model accuracy.
- Evaluated model performance using metrics like RMSE and R-squared, achieving.
- Technologies used: Python, Pandas, Scikit-learn.

Movie Recommendation System *Sept 2023 – Sept 2023*

- Developed a movie recommendation system using Python, leveraging cosine similarity and TF-IDF vectorization to provide personalized movie suggestions.
- Pre-processed and analysed a large dataset of movie information, applying data cleaning techniques to enhance the accuracy of recommendations.
- Implemented a content-based filtering approach, utilizing feature extraction with scikit-learn to match user preferences with movie attributes.
- Integrated user input handling and dynamic query processing to allow real-time, customized movie recommendations.

Google Code-in Participant, *Google* *Dec 2019 – Feb 2020*

- Completed 6 design and UI/UX tasks for various open-source organizations.
- Gained exposure to open-source communities and project management.
- Developed skills in documentation, research, and outreach.
- Contributed to projects involving logo design and UI improvements for various open-source software.

Certifications

- AWS Cloud Computing by IITE, Indus University
- The Data Science Course: Complete Data Science Bootcamp 2024 by 365 Careers (Udemy)
- Python And Flask Framework Complete Course for Beginners by Horizon Tech (Udemy)
- Data Manipulation in Python: Master Python, NumPy & Pandas by Meta Brains (Udemy)