Abhijith M

Data Scientist

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linkedin.com/in/abhijithm7711 | Portfolio

Aspiring Data Scientist/Data Analyst with a strong foundation in Data Science and Mathematics. Motivated to transform complex data into actionable insights, skilled in data analysis, visualization, and machine learning, and eager to contribute to impactful projects in a collaborative team environment. Passionate about leveraging data-driven approaches to solve complex business problems and drive strategic decision-making.

Education

Master's in Data Science *2023 – 2025*
Chandigarh University
Bachelor's in Mathematics *2020 – 2023*
Mangalore University

Skills Summary

- **Programming Language:** Python
- **Data Analysis:** NumPy, Pandas, SciPy
- **Machine Learning:** Scikit-learn, EDA, Feature Engineering
- **NLP:** NLTK, spaCy
- **Database:** MySQL, MongoDB
- **Data Visualization:** Matplotlib, Seaborn, Power BI
- **Tools & Software:** Excel, Power BI, Git
- **Framework:** Flask, Streamlit
- **Soft Skills:** Problem-solving, Critical Thinking, Teamwork, Adaptability

Projects

NoMoreSpam Link
- NoMoreSpam is a spam detection system using Naive Bayes and NLP techniques to classify emails as Spam or Not Spam. It leverages TF-IDF vectorization and the NLTK library for text preprocessing and features a Streamlit-based web app for real-time classification. The trained Naive Bayes model achieved 97% accuracy on a custom email dataset.

CineMate Link
- CineMate is a content-based movie recommendation system designed for Indian films, utilizing cosine similarity to suggest similar movies based on user preferences. It analyzes attributes like movie descriptions, language, genre, cast, writer, and director. Built with Scikit-Learn, the system features a Streamlit-based web app that provides real-time recommendations with detailed movie insights.

Sentiment Analysis Link
- Movie Review Sentiment Analysis is a Flask-based web application that predicts whether a given movie review is Positive or Negative. It uses TF-IDF Vectorization and a Support Vector Machine (SVM) model for sentiment classification. The system features a user-friendly interface and supports real-time predictions. Built with Python, Flask, HTML, and CSS, it leverages libraries like Joblib, Sklearn, and NumPy for efficient processing.

PriceMyRent Link
- PriceMyRent is a house rent price prediction system using Random Forest Regressor and machine learning techniques to estimate rental prices based on property features. It leverages Scikit-Learn for model training and features a Streamlit-based web app for user-friendly predictions, allowing users to input house details and get real-time rent estimates.

Certifications

- **Google Data Analytics** – Online non-credit course authorized by Google Credential
- **EDA for Machine Learning** – Online non-credit course authorized by IBM Credential
- **Harnessing the Power of Data with PowerBI** – Online non-credit course authorized by Microsoft Credential

Languages

English,Hindi,Malayalam