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Indore, MP

AYUSH SHRIVASTAVA

Technical Skills

- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Tableau
- Java
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
- Microsoft Power BI

Projects

GEOGRAPHYCALLY TAILORED RECOMMENDATION SYSTEM– University Major Project

This project leverage geographic information to enhance the accuracy and usefulness of recommendations across diverse domains. By integrating location data with advanced machine learning algorithms and user profiling techniques, the GTRS will deliver tailored recommendations that align with users' interests, preferences, and geographical context.

Key Components–

- Geographic Data Integration
- User Profiling
- Real-Time Location Tracking

Technology used –

- **Python**
- **JavaScript**
- **TensorFlow**
- **PostgreSQL**
- **Collaborative Filtering**
- **Content-based Filtering**
- **Google Maps API**

COVID-19 INSIGHTS

Amidst the ongoing global pandemic, understanding and tracking key metrics related to COVID-19, such as mortality rates and vaccination progress, have become essential for policymakers, healthcare professionals, and the public. This project entails the development of a comprehensive COVID-19 Dashboard, providing insightful analyses and visualizations of mortality data and vaccination efforts.

Key Component-

- Data Integration
- Comparative Analysis
- Geographic Visualization

Technology Used –

- **SQL Server Management Studios**
- **Data Exploration**

- **Data Analysis**
- **Data Visualization**
- **Microsoft Excel**
- **Tableau**

AMAZON PRODUCT DATA SCRAPPING

Developed a sophisticated web scraping tool tailored for extracting comprehensive product data from Amazon's web pages. With Amazon being one of the largest e-commerce platforms globally, accessing and analyzing product information can provide valuable insights for market analysis, competitor research, pricing strategies, and trend monitoring.

Key Components

- Web Scrapping Engine
- Product Data Extraction
- Historical Data Retrieval

Technology Used

- **Python**
- **Beautiful Soup**
- **Scrappy**
- **Axios**
- **Jupyter Notebook**
- **GitHub**

LAWYER APPOINTMENT SYSTEM– University Minor Project

Streaming Lawyer Appointment for Client and Law Firms. is a comprehensive appointment management system designed to facilitate seamless scheduling and coordination between clients and law firms. With the legal profession demanding efficiency and organization, our platform provides a user-friendly interface for clients to book appointments with attorneys, enabling law firms to manage their schedules effectively.

Key Components

- Intuitive Appointment Booking
- Customizable Appointment Type
- Secure Communication Channel

Technology Used

- **Python**
- **JavaScript**
- **HTML/CSS**
- **MongoDB**
- **Microsoft Outlook Calendar API**
- **SMTP**
- **Google Maps API**

Certificates

- Microsoft SQL Server 2022 Essential Training
- Master Python for Data Science
- Tableau Essential Training
- Learning Spring with Spring Boot

- Java 8+ Essential Training
- Introduction to Microsoft Azure Cloud Services
- Microsoft Azure Machine Learning
- Getting Started with Data Analytics on AWS
- Programming for Everybody
- AI for Everyone

Soft Skills

- Serene
- Resilient
- Resolute
- Punctual

Education

BACHELOR OF TECHNOLOGY –Acropolis Institute of Technology and Research –Indore, MP 2024
Computer Science Engineering with Data Science Specialization - 7.96 cgpa

HIGH SECONDARY CERTIFICATE (XII) –Madhya Pradesh Board of Secondary Education 2020
Eminent Heights School - Vidisha, MP

HIGH SCHOOL CERTIFICATE (X) – Central Board of Secondary Education 2018
Trinity Convent School – Vidisha, MP