Piyush Dipak Palasiya

Data Scientist

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🪪 PROFILE SUMMARY

Data Science and Machine Learning Enthusiast with experience of 2 Internships of Software Developer and Data Science. Well informed on latest Data Science advancements. Readyto thrive in demanding Digital Intelligence. Looking forward with more opportunities for Industrial experience

🧠 SKILLS

- Python (Pandas, numpy, matplotlib, Seaborn, scikitlearn)

- Database(MySQL)

- Mathematics (inferential Statistics, Descriptive Statics)

- Web Scraping (Beautiful Soup, Requests)

- Machine learning algorithms (Linear regression, Decision tree, Random forest, SVM, KNN,K-means clustering, Hierarchical Clustering, DBSCAN)

- Advance Excel (Power Query, lookup, what if analysis) PowerBI

- Visualization (Line Plot, Scatter Plot, Bar Chart, Histogram, Box Plot, Pie Chart, Heatmap)

💼 EXPERIENCE

Eclate Staffing Solution, Data Science Intern   08/2023 – 01/2024 | Pune, India
- Honing skills in Python and SQL for data analysis.
- Gaining hands-on experience in exploratory data analysis.
- Learning to develop basic machine learning models.
- Actively involved in creating easy-to-understand data visualizations for informed decision-making.
- Focusing on understanding data preprocessing techniques and basic feature engineering.
- Enthusiastic about improving model performance.
- Developing strong communication and teamwork skills through collaboration with diverse professionals.
- Aiming to continuously learn and apply knowledge to practical data-driven solutions.

Zcon Solution pvt ltd, Software Developer Intern   02/2023 – 07/2023 | Pune, India
- Harnessed expertise in React.js, React Toolkit, and CSS to shape exceptional websites.
- Actively engaged in all project phases, from initial design to final implementation.
- Elevated user interface and responsiveness, enhancing user experiences.
- Collaborated closely with seasoned developers, gaining valuable knowledge and contributing effectively.

📂 PROJECTS

Movie Recommender System
- Developed a movie recommender system using Streamlit and Python, leveraging content-based filtering for personalized recommendations.

- Integrated IMDb API from RapidAPI to fetch movie details such as poster image, rating, and genres, enhancing user experience.
- Utilized precomputed similarity matrix based on movie features like genres, keywords, and cast to efficiently generate recommendations.
- Implemented an intuitive user interface with interactive components for movie selection and display of recommended movies.
- Ensured error handling and graceful degradation by incorporating exception handling for API requests and data retrieval processes.

Hotel Booking Analysis

- City Hotel and Resort Hotel have experienced high cancellation rates, leading to reduced revenues and suboptimal room utilization.
- Reducing cancellation rates is the primary goal to enhance revenue generation efficiency.
- The report focuses on analyzing hotel booking cancellations and identifying irrelevant factors affecting business and annual revenue.
- Provides thorough business advice to address the issues stemming from high cancellation rates.

Corona Virus Live Tracking For India

- Utilized Python with Pandas and Matplotlib libraries to explore and visualize COVID-19 data for various states in India.
- Sourced data from the Ministry of Health and Family Welfare.
- Analyzed data on active cases, positive cases, cured cases, and deaths in each state.

🎓 EDUCATION

MGM JNEC of Aurangabad   2023 | Aurangabad, India
Master of Computer Application
MCA In **Data Science**

SBES College of Aurangabad   2021 | Aurangabad, India
Bachelor of Computer Science **B.sc**
Computer Science

📄 CERTIFICATES

- LinkedIn (Microsoft Power Bi)
- British Airways Data Science Job Simulation on Forage
- UV Technocrats & Solution Certificate of Data Science

🌐 LANGUAGES

- English
- Hindi
- Marathi