KULDEEP MALVIYA

Data Scientist | Machine Learning | Analytics

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🔗 https://github.com/kuldeep1909

SUMMARY

Analytically-minded Data Science professional with a solid foundation in machine learning, deep learning, and statistical analysis. Proficient in building and optimizing predictive models, data preprocessing, and conducting Exploratory Data Analysis (EDA) to extract meaningful insights. Skilled in data visualization and feature engineering, with a commitment to applying advanced analytical techniques to solve complex, real-world problems. Adaptable, detail-oriented, and eager to contribute to data-driven decision-making and continuous learning in the field of data science.

EXPERIENCE

Data Analyst

bepec.in

📅 03/2024 - 10/2024

- Conducted data cleaning, transformation, EDA, and statistical analysis using Python improving project accuracy by 15%
- Developed SQL queries to extract and manipulate data from various databases, ensuring data integrity
- Collaborated with cross-functional teams to deliver data-driven insights, streamlining workflow efficiency by 20%
- Created interactive dashboards and visualizations to communicate findings to stakeholders effectively

MIS Executive

The Purple Heaven

📅 2023 - 2024

- Developed and maintained comprehensive management information systems, integrating data analysis tools, resulting in a 25% increase in operational efficiency and improved decision-making accuracy by 20%.
- Led a project to increase the sales of restaurant's, reducing waste by 15% and increasing profit margins by 20%.
- Deployed systems like FMS, and Delegation sheets, which contributed to a 30% improvement in task completion rates; received mentorship from Business Coaching India (BCI)

PROJECTS

NLP-Based Classifier

🔗 https://github.com/kuldeep1909/SMS-Spam-Classification-Projects

- Developed a Natural Language Processing (NLP) model to classify emails as spam or ham.
- Implemented data preprocessing techniques such as tokenization, stop-word removal, and stemming to clean and prepare the dataset.
- Trained the model using algorithms like Naive Bayes to improve classification accuracy.
- Utilized Python libraries including NLTK, Scikit-Learn, and Pandas for model development and evaluation.

SKILLS

Machine Learning　　Deep Learning

NPL　Python　SQL　PowerBI　ETL

Excel　Statistics　Data Preprocessing

Adaptive　Analytical thinking

Tenacious　Collaboration & Teamwork

Excellent in interpersonal communication

CERTIFICATION

Python Data Analytics

Meta (Coursera)

SQL Bootcamp

(Udemy)

Microsoft Excel For Data Analysis

Microsoft (Coursera)

Data Analytics and Visualization

Accenture (Forage)

PowerBI

PWC (Forage)

EDUCATION

Bachelor's in Mathematics

Jai Narain Vyas University

📅 2021 - 2024

PROJECTS

ML-Based Crop Recommendation System

🔗 https://github.com/kuldeep1909/Crop-Recommendation-System

- Developed and deployed a **web application using Flask** that predicts the optimal crop based on environmental parameters like soil type, temperature, and moisture, enhancing accessibility for end-users.
- Engineered the recommendation model with **Random Forest** for robust performance, achieving an accuracy of 99 % on real-world datasets.
- Conducted in-depth **Exploratory Data Analysis (EDA)** to reveal data patterns, optimize model accuracy, and refine feature selection for better predictions.