

AMAN KUMAR PATEL

Detail-oriented Data Science enthusiast with hands-on experience in machine learning, data analysis, and visualization. Proficient in Python, SQL, and advanced analytical tools like Power BI and Tableau. Skilled in using libraries such as Pandas, NumPy, and TensorFlow for data manipulation and modeling. Strong problem-solving skills and a commitment to leveraging data-driven approaches to drive business success.

Experience

AFAME TECHNOLOGIES (MACHINE LEARNING INTERN)

March 2024 - April 2024

- Developed an AI model to classify SMS messages as spam or legitimate using techniques like TF-IDF
- and machine learning classifiers.
- Utilized the SMS Spam Collection dataset for research and model training.
- Contributed to the PUBG Game Prediction project by training models on extensive gaming datasets.

UNIFIED MENTOR (DATA SCIENCE INTERN)

March 25, 2024 - April 25, 2024

- Conducted data analysis on various datasets including FIFA World Cup, financial data, and FDI data.
- Proficient in data cleaning, preprocessing, exploratory data analysis, and visualization using Python and tools like Power BI and Tableau.
- Leveraged advanced analytical techniques to derive insights and drive decision-making processes.

PROJECTS

GDP Data Analysis

March 2024

Conducted a comprehensive analysis of global GDP data using Python and Pandas. Visualized GDP trends across various countries to derive insights and identify patterns.

Virtual Mouse using OpenCV

May 2024

Developed a virtual mouse application leveraging OpenCV and Python. Enabled hand gesture recognition for real-time cursor control and mouse operations. Utilized computer vision techniques for gesture recognition and human-computer interaction (HCI).

Movies Recommendation System

March 2024

Collected and preprocessed data on user preferences. Engineered features from movie metadata and user profiles. Trained recommendation models using techniques suitable for the data and business requirements.

Educational Background

B.Tech in Information Technology

University Institute of Technology RGPV, BHOPAL (M.P)
Aug 2023 - June 2027
SGPA - 4.8 (till FIRST SEM)

Contact

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Linkedin:

<https://www.linkedin.com/in/aman-kumar-patel-a09568284/>

Skills

- Analytical Tools:** Power BI, Tableau, Advanced Excel, Jupyter Notebook
- Programming Languages:** SQL, Python, C++ Python
- Libraries:** Pandas, NumPy, Matplotlib, Seaborn, TensorFlow
- Databases:** MySQL, Microsoft SQL Server
- Version Control:** Git, GitHub
- Natural Language Processing(NLP) , Computer Vision, Image Preprocessing , Deep Learning Problem Solving , Analytics Skill

Languages

- English (Proficient)
- Hindi (Fluent)

Certification/Short Courses

- Advanced SQL (HackerRank)
- Basic Python (HackerRank)

Additional Information

- Member of DoIT Technical Community Member of Code4all