

HRITVIK DADHICH

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PROFESSIONAL SUMMARY

MSc Data Science graduate proficient in Python, SQL, Tableau, and the MERN stack, including React.js, JavaScript, HTML, and CSS3. Adept at transforming complex data into actionable insights and developing data-driven solutions. Demonstrated ability to enhance user experiences and collaborate in cross-functional teams. Eager to leverage analytical skills, technical proficiency, and problem-solving abilities in a dynamic data science role.

SKILLS

Core Skills:

- Data Analysis, Data Management, Statistical Analysis, Reporting and Visualization, Data Mining
- Business Intelligence, Database Administration, Project Management, Systems Design
- Tool Proficiency: Python, SQL, Tableau, Excel, Power BI, MERN stack, React.js, JavaScript

Soft Skills:

- Analytical Thinking, Time Management, Team Collaboration, Communication
- Critical Thinking, Attention to Detail, Problem-Solving, Organizational Skills

WORK EXPERIENCE

FutureGaming.io - Gaming News, Guides & More

07/2021 – 12/2022

Data Analyst

Lucknow, India

- Conducted comprehensive data analysis across multiple data sources, identifying key trends that contributed to a 10% improvement in KPIs.
- Analyzed large, complex datasets to extract actionable insights, driving data-driven decision-making that enhanced overall company performance.
- Ensured high accuracy and attention to detail during data validation processes, reducing data-related errors by 25%.
- Collaborated with cross-functional teams, including marketing, product, and development, to deliver data-backed recommendations and ensure projects were completed on time and within budget.
- Developed and maintained dashboards to track key business metrics, facilitating real-time monitoring and reporting for senior management.

PROJECTS

NBA All-Star Prediction Model Using Machine Learning

- Developed a machine learning model to predict NBA All-Star players based on Legacy performance data.
- **Tech Stack:** Python, Pandas, Matplotlib, Seaborn, Scikit-Learn (Logistic Regression, Decision Trees).
- **GitHub Link:** GitHub Repository
- Analyzed and visualized player statistics using Python libraries such as Pandas, Matplotlib, and Seaborn.
- **Results:** Achieved an accuracy rate of 95% in predicting NBA All-Star players.

Twitter Sentiment Analysis

- Developed a Python-based tool to scrape and analyze tweets using the Tweepy library and TextBlob for sentiment analysis.
- **Tech Stack:** Python, Tweepy, TextBlob, Natural Language Processing (NLP), Matplotlib, Seaborn.
- **GitHub Link:** GitHub Repository
- Implemented natural language processing to classify sentiments from a vast dataset of tweets.
- **Results:** Successfully identified sentiment trends correlating with major events.

InSight-Loom

- Developed a data visualization web app using Streamlit to provide insights into various datasets.
- **Tech Stack:** Python, Streamlit, Plotly, Seaborn, Data Visualization.
- **GitHub Link:** GitHub Repository
- Implemented interactive visualizations using Plotly and Seaborn which resulted in better user engagement and data exploration.
- Deployed the app on Streamlit Cloud by making it accessible for live demos and user interaction.
- **Results:** Enabled users to explore datasets interactively which leads to better data-driven decisions.
- **Live Demo:** Live Demo

EDUCATION

Cardiff Metropolitan University

Master of Science: Data Science

01/2023 - 06/2024

Cardiff, United Kingdom

Indian Institute of Technology, Madras Zen Learning

MERN Stack Development

06/2021 - 12/2022

Madras, India

Bharati Vidyapeeth College of Engineering, Pune

Bachelor of Engineering - Computer Science Engineering

04/2017 - 05/2021

Pune, India

CERTIFICATIONS

MERN Stack Developer by IIT Madras Guvi

06/2021 - 12/2022

Google Advanced Data Analytics — Coursera / Google

04/2024 - 05/2024

Web Development HTML, CSS, JavaScript by Michigan University / John Hopkins University — Coursera

05/2021 - 09/2021

PERSONAL DETAILS

Residence status: Post study work Visa Holder

Flexibility: Willing to relocate