

SK Umear Mastan

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SUMMARY

Junior Data Scientist with a robust background in data extraction, optimization, and automation. Skilled in Python, Machine Learning, and data visualization tools.

EXPERIENCE

Data Science Intern

Unified Mentor

June 2024 - Present, Virtual

- Analyzed large datasets using Python, leading to a 15% improvement in data processing efficiency.
- Developed predictive models with 90% accuracy, aiding in strategic decision-making.
- Visualized complex data trends through Tableau, enhancing presentations and data comprehension.
- Conducted thorough data cleaning and preprocessing, reducing data inconsistencies by 25%.

Data Engineer

The Population Project

December 2021 - August 2023, Virtual

- Optimized data extraction process by automating the retrieval of structured & unstructured datasets, resulting in 97% efficiency rate.
- Developed sophisticated algorithms to accurately interpret & process complex datasets, increasing processing speed by 25%.
- Developed web scraping solutions that extracted data from over 500 websites monthly, utilizing Python and libraries such as BeautifulSoup and Scrapy, which improved data collection efficiency by 50%.

PROJECTS

Song Popularity Prediction Using Deep Learning

Jawaharlal Nehru Technological University, Hyderabad • April 2024 - Present

- Developed and implemented a deep learning model to predict song popularity, achieving an accuracy rate of 85%.
- Analyzed large datasets with over 100k entries for song features and listener behavior, using Python and TensorFlow.
- Enhanced model performance by over 40% by optimizing hyperparameters and incorporating advanced neural network architectures.

Effective Digital Foot printing Report Generation by User Behavior Tracking Method

GITAM Deemed University • June 2021 - April 2022

- Developed Python-based digital foot printing report generation system to automate data collection & analysis of suspect's digital evidence, reducing investigation time by 30%.
- Conducted extensive research on existing systems and incorporated advanced analytics tools to increase accuracy in detecting suspicious activity by 20%.
- Integrated predictive algorithms into the system that identified potential suspects with 85% accuracy, resulting in increased efficiency of police investigations.

EDUCATION

Masters of Technology in Data Science

Jawaharlal Nehru Technological University • Hyderabad, India • 2025

Bachelor of Technology in Computer Science Engineering

GITAM University • Hyderabad, India • 2022

SKILLS

Field of Interest: Data Science and Data Analytics

Programming Languages: Python, R, SQL, C/C++ (Intermediate)

Technical Skills: Machine Learning, Deep Learning, Probability And Statistics, Cloud Computing, Data Visualization, Reporting, PowerBI, Tableau

Languages Spoken: English, Hindi, Telugu