

ARUN SINGH THAKUR

DATA SCIENTIST

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- portfolio

ABOUT ME

I am passionate about using data to drive insights and decision-making. Through my coursework and personal projects, I have gained experience in statistical analysis, machine learning, data visualisation , and programming languages . I am a quick learner, detail-oriented, and enjoy solving complex problems. I am seeking an internship or entry-level role where I can continue to learn and grow in the field of data science while contributing to a dynamic team.

EDUCATION BACKGROUND

NIIT UNIVERSITY

Bachelor of Technology in Computer Science 2020 - 2024

SKILLS

- Programming Languages:** R, Python
- Machine Learning:** Scikit, NLTK, TensorFlow, Keras
- Cloud and Database Systems:** MySQL, MongoDB, AWS, Git, Docker
- Data Visualization:** Numpy, Pandas, Matplotlib, Seaborn , Tableau, Power BI
- Deep learning frameworks:** (CNNs), (RNNs), (GANs)
- Design and Front-End:** Figma, Canva, Streamlit, HTML, CSS
- Strong analytical and problem-solving skills**

PROJECTS

- SALES FORECASTING** **May 2023 -present**
 - Spearheaded a project to forecast weekly store sales using ARIMA model.
 - Analyzed time-related and spatial features to understand their influence on sales.
 - Explored the correlation between sales and holidays, highlighting substantial sales increase during holidays
- SENTIMENT ANALYSIS** **Jan 2023 - May23**
 - Explored the Amazon food review dataset, performed feature engineering, and trained various classifiers to predict sentiment.
 - Implemented neural network models for sentiment analysis and compared their performance with traditional algorithms.
 - Visualized the comparative results using appropriate data visualization techniques.
- RESEARCH & DEVELOPMENT** **Jan 2023 - May23**
 - Contributed to the development of a fenceless intruder detection system using lasers and computer vision.
 - Implemented and fine-tuned the YOLO (You Only Look Once) model for real-time object detection and tracking.
 - Optimized the YOLO model for efficiency and accuracy in identifying potential intruders.

POR

Google Developer Student Club -
NIIT University

Technical Lead (Feb 2023 - Present)

AI/ML Lead (Sep 2022 - Feb 2023)

ACTIVITIES

Centre for Innovation Incubation &
Entrepreneurship (CIIE)

Runner up at pitch preneur

Hult Prize NIIT University

Presented our idea of smart parking solutions