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:** Python

- **Machine Learning:** Scikit, NLTK, TensorFlow, Keras

- **Database Systems:** MySQL, MongoDB, Git,

- **Data Visualization:** Numpy, Pandas, Matplotlib, Seaborn , Tableau

- **Deep learning frameworks:** (CNNs), (RNNs), (GANs)

- **Design and Front-End:** Figma, Canva, 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