



NIYANTHRI R SRIDHAR

B.Sc. Hons. - Data Science

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BRIEF SUMMARY

I am a final-year B.Sc. (Hons) Data Science student with a minor in Digital Experience Design, passionate about integrating data science, cybersecurity, and user experience to create innovative, impactful solutions. Equipped with strong technical skills, hands-on industry exposure, and a creative problem-solving mindset, I aim to contribute to projects that bridge technology, design, and real-world needs.

KEY EXPERTISE

Data Science Data Visualization Microsoft Excel Tableau Data Analytics Data Analysis Data Mining Data Cleaning

EDUCATION

RV University

B.Sc. Hons. - Data Science | CGPA: 8.50 / 10

2022 - 2026

Sri Kumaran Children's Home Composite Junior College

12th | PUE Karnataka | Percentage: 86.83 / 100

2022

Carmel School

10th | KSEEB | Percentage: 93.92 / 100

2020

PROFESSIONAL EXPERIENCE

A ROCHA India | NGO / Social Services | Data Sorting

29 Mar, 2025 - 27 Apr, 2025

Volunteer

Key Skills: Data Sorting Microsoft Excel

I assisted in the systematic organization and analysis of camera trap data collected from Bannerghatta National Park. This is a protected area which has become a focal point for conservation efforts due to increasing human-wildlife conflicts, particularly involving elephants. My work contributed to an ongoing research initiative aimed at understanding elephant behavior, movement patterns, and the broader ecological impact of their interactions with human settlements.

INTERSHIPS

RV University | Cyber Security

08 Jun, 2024 - 25 Jun, 2024

Cyber Security

Gained hands-on experience in malware analysis, endpoint defense, OWASP injection attacks, and ethical hacking. Applied skills through Capture The Flag (CTF) challenges, using industry tools to detect and mitigate cyber threats.

PROJECTS

Credit Card Fraud Detection

Team Size: 2

Key Skills: Machine Learning Data Visualization

Project Link: <https://github.com/Niyanthri24/Credit-Card-Fraud-Detection>

This project implements a machine learning model using Logistic Regression to detect fraudulent credit card transactions. The approach emphasizes effective data balancing, model training, and evaluation for binary classification of transactions as fraudulent or legitimate. Credit card fraud poses a significant threat to both financial institutions and their users. This project explores the use of logistic regression, a simple yet effective classification algorithm, to distinguish between legitimate and fraudulent credit card transactions in a highly imbalanced dataset.

IPL Score Predictions

Team Size: 3

Key Skills: Machine Learning

Project Link: <https://github.com/Niyanthri24/IPL-Score-Predictions>

This project focuses on predicting the total runs scored by a batting team in an Indian Premier League (IPL) cricket match using Linear Regression. The aim is to build a machine learning model that uses historical match data and relevant features to forecast match scores accurately.

Brain Tumor Detection

Key Skills: Machine Learning Deep Learning CNN

Project Link: <https://github.com/Niyanthri24/Brain-Tumor-Detection>

A deep learning project that uses Convolutional Neural Networks (CNNs) to detect the presence of brain tumors from MRI scans with high accuracy. This project builds a binary classifier using a CNN model to distinguish between: MRI scans with brain tumors and MRI scans without tumors. It also includes a simple web interface using Streamlit where users can upload MRI images and get predictions in real time.

ACHIEVEMENTS

- Placed 3rd in the Envision Designathon 2025 at Srishti Manipal Institute of Art, Design and Technology, Bengaluru

ASSESSMENTS / CERTIFICATIONS

Introduction to Data Science Specialization

Aggregate: 95.75 / 100

Key Skills: Data Science SQL Data Analysis

Google Cybersecurity Professional Certificate

Aggregate: 96 / 100

SEMINARS / TRAININGS / WORKSHOPS

Data Analytics Institute Name: Indian Institute Of Science Bengaluru 13 Apr, 2025 - 13 Apr, 2025

Key Skills: Data Analytics Tableau Microsoft Excel

ARVR Workshop 24 Mar, 2025 - 28 Mar, 2025

Institute Name: RV University

Key Skills: Unity3D

3-Day Student Development Program on Business Analytics Tools 28 Jan, 2025 - 30 Jan, 2025

Institute Name: RV University

Key Skills: Microsoft Excel Tableau

MERN Stack 24 Jan, 2025 - 24 Jan, 2025

Institute Name: RV University

Key Skills: Prompt Engineering MERN

CO-CURRICULAR ACTIVITIES

- Founding Member of AMEYA the cultural club and incharge of Graphic Design

EXTRA CURRICULAR ACTIVITIES

- Volunteered for 5th International Conference of the South Asian Society of Criminology and Victimology (SASCV)
- Part of the Blood Donation Camp organised by RV University's Rotaract Club and NCC

PERSONAL INTERESTS / HOBBIES

- Sports, Photography, Drawing