

SREERAM NITHIN

Contact



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Core Skills

- **Programming Languages:**
Python, R, SQL, C, GitHub
- **BI/Data Visualization:**
Excel, PowerBI, Google Sheets
- Strong knowledge in
Statistics, Mathematics, Computer
science

Certifications/ Workshops

- AWS Essentials by AWS Instructors on Udemy
- Data Science with Machine Learning by unp.education
- Advanced Data Science by unp.education
- Data Analytics with BI & R by unp.education
- Young Entrepreneurship Programme at IIM Bengaluru
- Workshop on Power BI and Advanced Excel
- Entrepreneur foundation and development programmes

Achievements

- Secured first prize in Data Analytics competition conducted by St Teresa's College Ernakulam,; Aquinas College, Edacochin and St. Pious X Degree and PG College for Women, Hyderabad
- Titled 'Navaratna 2023', bestowed upon 9 students of the college for overall excellence in academics, co-curriculars, active participation etc.
- Won first prize in GSMUN 2022 at Geetanjali College of Engineering and Technology (2022)
- Outstanding Delegate of UAE in the Human Rights Council
- Won first prize in National Level Business Ideation in Future Youth Conclave (2021)
- Finalist (Top4) at Smart India Hackathon 2022 by the Ministry of Education, Government of India at Maharashtra Institute of Technology, Aurangabad

Volunteering

Coordinator : PSCIFE Club, Coordinator Education Department: Street Cause, Public Relations Head: Xpressionz Club, Content Writing Head: Anthah Prerana 5.0 and have also organized multiple events and competitions during graduation

Profile

As an entry-level data scientist, I have developed proficient communication skills and possess a genuine enthusiasm for utilizing data analytics to solve complex problems. I have acquired a strong foundation in mathematics, statistics, and computer science, which has prepared me to excel in this field. Moreover, I value teamwork and strive to be a resilient and collaborative team member, believing that sharing knowledge is essential to achieving organizational goals.

Projects

• FIFA Players' Wage Predictor

Performed data cleaning and transformation and used 9 machine learning algorithms and identified the best model. Used Streamlit to create a web application that can predict the wage of football players by taking the necessary inputs using Random Forest Regressor and compare the predicted wage with the mean wage of the respective country in an interactive map made using geopandas and pycountry. ([GitHub Link](#))

• Analysis of Garment Worker's Productivity Dataset

Performed data exploration to find out patterns in the data and identify the key features that influenced the productivity of the workers. Visualized the relationship between different variables using matplotlib, plotly, seaborn etc and used machine learning algorithms to make a predictive model to predict the productivity of employees. ([Github Link](#))

• Heart Attack Prediction

Performed data cleaning, and visualization and made machine learning models for binary classification to predict if a person has a chance of being prone to a heart attack or not and made a predictive system for detecting this based on the best model which can take in inputs and predict based on the inputs. ([GitHub Link](#))

• Image Classification

By feeding in thousands of images to ML algorithm, made a classification model that can identify different objects in a given picture using PyTorch package in python i.e Neural networks. ([GitHub Link](#))

• Movie recommendation system

Made a recommendation system that by entering a keyword or genre will suggest related movies using TFIDF and Word2Vector algorithms. ([GitHub Link](#))

• Trends in NFT'S

Aggregated data of Bored Ape NFT, cleaned and performed EDA, identified the trends in its Opening and closing prices and made predictive models using machine learning algorithms. ([GitHub Link](#))

• Insurance Charges Prediction

Performed exploratory data analysis to identify patterns in data and to understand what factors were influencing the insurance charge. ([GitHub](#))

Internships

Teaching Assistant - unp.education Jan 2023 - Feb 2023

Reviewed and guided students to complete python assignments and Data Science projects

Technical Writer - knowvationlearnings.in Jan 2023 - Mar 2023

As a technical writer, wrote books on 'Introduction to Python' and 'C- Language'

GRIP Internship - SPARKS Foundation Aug 2021 - Sep 2021

Completed the tasks using supervised and unsupervised Machine learning algorithms

Paper presentations/Publications

- Published a paper on 'Modeling Prediction for a Chronic Disease – Heart Attack' in ICICDA 2023 International Conference - IEEE Scopus Index
- Co-authored a chapter in a book named 'Managing technology and innovation in teaching and learning' (ISBN: 978-81-956748-2-4)
- Presented 3 papers in international conferences

Education

Bachelor of Science (Hons Data Science)

Bhavan's Vivekananda College
CGPA: 9.51

2023

XII (Mathematics, Physics, Chemistry)

Narayana Junior College
Percentage: 97.1

2020

X (SSC Board)

St. Patrick's High School
GPA: 9.8

2018