Nagesh N

ASPIRING DATA SCIENTIST

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EDUCATION

REVA UNIVERSITY
Year 2023-2025
M.Sc. (Data Science)
SGPA:9.59

THE NATIONAL DEGREE COLLEGE
Year 2020-2023
B.Sc. (Physics, Math's, Electronics)
CGPA:9.27

SOFT SKILLS

- Communication
- Problem Solving
- Leadership
- Time Management
- Decision Making
- Creativity
- Research
- Team Oriented

CONFERENCES

- ICICTA CONFERENCE
- DATA FOR PUBLIC GOOD

AWARDS

APRIL 2023
Kaggle Competition:
Regression with Abalone dataset.
Rank: 810/2606.
DECEMBER 2022
Mathematical Quiz
Second Prize Winner.
DECEMBER 2022
Mathematical Lecture Contest
First Prize Winner.

CERTIFICATES

- Data Analytics (Pearson).
- IT Fundamentals (Udemy).

PRESENTATIONS

- Presented a Research Paper on Evaluation of NoSQL Databases on a low power cluster.
- Presented on an Introduction to Multivariable Calculus.
- Presented on Block Chain technology and its applications.

CAREER OBJECTIVE

Motivated and Enthusiastic Student with a background in Physical and formal science and a passion for AI, Data Science and ML, having keen interest in applying my knowledge on Data Analytics, Model Building and problem-solving in a practical setting.

TECHNICAL STACK

Programming Languages: C, C++, Python, R.
Libraries: NumPy, Pandas, Matplotlib, Scikit-learn, Ultralytics.
Query Languages: SQL, NOSQL, Cypher.
Database: PostgreSQL, MongoDB, Redis, Riak, Neo4j.
Data Analytics: Tableau, Power BI.
Frameworks: Tensor Flow, Keras, hugging face.
Platforms: Google-Colab, VSCode, Jupyter Notebook, Docker.
Mathematics: Linear Algebra, Probability, Statistics, Calculus.

PROJECTS

IEEE Data port: Bangalore Mobility Challenge
JUNE 2024 – AUGUST 2024
- Worked on Object detection and Tracking in the Video Clips to make future predictions of vehicle count of different classes.
- Made use of YOLO models for object detection and cv2 for tracking.

Kaggle: AI Mathematical Olympiad
MAY 2024 - JUNE 2024
- Researched Various approaches to develop a solution.
- Created Pipeline using Gemma Model for Mathematical Inference.
- The developed Pipeline was able to answer Mathematical Questions.

Tableau Dashboard:
JUNE 2024
- Built an interactive dashboard to Visualize the Profit of a Super Store Sales across various domains and categories.

Kaggle: Regression with Abalone Dataset
APRIL 2024 - MAY 2024
- Developed a Regression model using LGBM Regressor for prediction.
- Analyzed and pre-processed the data by log transformation and scaling which improved the accuracy of the Model.

Data Analysis: Exploratory Data Analysis on Heart Dataset
MARCH 2024 - APRIL 2024
- Processed the Raw data to get better understanding of the dataset.
- Analyzed the data using descriptive statistical methods for extracting useful information from the dataset.

IOT: Smart Digital Locker
JULY 2023 - AUGUST 2023
- Built a fully functional Digital locker with advanced security features such as Laser Protection and OTP Authentication using Arduino Uno R3.