Durga Nandhini K

PROFILE

Enthusiastic and focused Data Analyst seeks to establish a career in an organization where I can contribute successfulgrowth to the organization using my knowledge and analytical skill.

EDUCATION

- **B.Tech Computer Science and Engineering**
  CGPA – 7.09/10   **2019-2023**
  Amrita Vishwa Vidyapeetham

- **Class 12** – 77.17%   **2019**
  Institution: N.S.V.V Matriculation Higher Secondary School, Tamil Nadu.

- **Class 10** – 90.6%   **2017**
  Institution: N.S.V.V Matriculation Higher Secondary School, Tamil Nadu.

TECHNICAL INTERESTS

Data Science
Data Analytics

PROJECTS

- Data Mining Case study: Pre-processed and Analysed the "WaterQuality" dataset using Python and performed EDA/Visualization for better understanding of the Data.
- Recommendation system Case Study: Built a Recommendation System model using Python for "Spotify dataset" and used the Cosine and Correlation Distance measures for the recommendation mechanism.
- Data Security case study: Anonymization of sensitive data in "Loan Prediction Dataset" using ARX and IPFS tools.
- Presentation on "The Fibonacci Numbers and The Golden Section"

TECHNICAL SKILLS

- Python
- R
- SQL
- Power BI
- Machine Learning
- Big Data Analytics-Hadoop
- HDFS
- MongoDB

INTERNSHIP

ElGi Equipments (Data Analyst Intern)- Period: Apr 2022- Jul 2022

Project: Air alert project (Anomaly Detection)

- Story telling on "quality prediction in a mining process" dataset in crispdm framework.
- Analysed the monthly sales report using visualization tools like POWERBI for the financial analysis (FINTECH) team.
- Data collection on customer details, pre-processed and visualized thedata for anomaly detection under the Air alert team.

EXTRA CURRICULAR ACTIVITIES

- Volunteering activity at Sarathupatti Village, Theni, Tamil Nadu (2020 – 2021). Collected Data regarding the problems in the village and submitted a paper to the Panchayat Office as the Extension Programmemember of the team.
- Served as the communication minister of the college's Student Union for one academic year.

LANGUAGES

English

Hindi

Tamil

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