Santhosh Ram G K

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Education

VIT CHENNAI
B.Tech (Computer Science)
2024 | **CGPA 8.84***
*till 6th sem

SSV URAPAKKAM
Higher Secondary in PCM
2020 | **Percentage: 94.8**

SSLC
2018 | **Percentage: 95.8**

Links

- GitHub **sandyram19**
- Linkedin **Santhosh Ram**

Coursework

UNDERGRADUATE
Foundations of Data Analytics
Essentials of Data Analytics
Artificial Intelligence
Machine Learning
Natural Language Processing
Cyber Security
Statistical Learning
Operation Systems
Functional Programming
Database Management Systems
Networking and Communication
Microprocessors and Interfacing

Skills

PROGRAMMING
Python, Java, C++
R
Matlab
SQL
MongoDB
HTML/CSS
JavaScript
NodeJS
Bootstrap

MISCELLANEOUS
PowerBI, Microsoft Office,
Git, Jupyter Notebook

LIBRARIES
NumPy, Pandas, MatPlotlib
Seaborn, Scikit-Learn
TensorFlow, Keras

Projects

CROP RECOMMENDATION SYSTEM
- Recommended the best suitable crops based on the environmental and soil factors
- Implemented KNN, Decision Tree and Naive bayers algorthims with hyper parameter tunings and achieved a maximum accuracy of 99.09
  - **Crop Recommendation System**

PHISHING URL DETECTION
- Used KNN, SVM and Gradient Boosting to classify URL as safe and unsafe.
- Extracted the features from the input URL based on the dataset provided and models were trained on feature selection.
- Maximum score of 97.4 was achieved.
  - **Phishing URL detection**

UBER DATA ANALYSIS
- Exploratory Data Analysis on Uber's Data
- Two datasets from kaggle were used. One dataset containing a single person's data and another containing Mass data
- Visualised valuable information and generated Insights
  - **Uber Data Analysis**

TATA VIRTUAL INTERNSHIP
- Learnt how passionate multi-disciplinary experts solve some of the most complex business problems using data visualisation solutions, such as Tableau and Power BI
- The programme showed what kind of problems company faces and how to answer them as a data engineer visually

  Dashboard as PDF

Achievements

AI-PROMPTTHON RUNNER UP
conducted by TextifyAI
- engineered prompts for the innovative ProfessorPartner app
- ProfessorPartner generates customized MCQs on any topic, allowing users to tailor the number of choices, difficulty level, and even single or multiple correct options.
- **App link**

HACKERRANK:
- 5 star in Python programming
- 5 star in SQL

SCHOLARSHIP
GVSDP VIT scholarship
- 25 percent fee waiver
- Eligibility: below 1000
- My rank: 505