KOPPOLU SHESHU

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Objective

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

Education

- **Aurora's technological and research institute** 2023
  B.tech
  6.8/10
- **Sri Gayatri Institutions** 2019
  Intermediate
  911/1000
- **ZPHS Ulpara** 2017
  SSC
  7.7/10

Skills

- Python
- SQL
- Power BI
- Pandas
- Tableau
- MS Excel
- Power BI DAX
- Web scraping

Projects

- **A data Mining based model for detection of fraudulent behavior in water consumption**
  The main objective of this work is to use some well-known data
  mining techniques named Support Vector Machines (SVM) and K- Nearest Neighbour (KNN) to build a suitable model to detect suspicious fraudulent behaviour. the water consumption to extract the fraud in the water consumption, the user uploads the water consumption details and feedback. Based on the feedback and water consumption details admin prepare the data to analyze positives and negatives using data mining techniques. The suggested model helps save time and effort for employees by identifying billing errors and frauds.
- **Detecting Web Attacks with End-to-End Deep learning**
  The project describes the concept to detect attacks from web applications using Deep Learning Network and Robust Software Modelling Tool (RSMT). RSMT is a web monitoring tool that monitors the execution behavior of web applications and records in a trace file. The trace file contains low dimensional raw data and cannot be used for Deep Learning Network. To convert this raw data to deep learning features author is using auto encoder technique. Auto encoder will convert raw data into deep learning features. This features will be passes to propose Auto Encoder algorithm which will generate train and test data from features. Auto Encoder algorithm requires un-label train data to generate the model and new test data will be applied to the Auto Encoder train model to identify new test data as a normal request or contains attack. If new test data is not available in the Auto Encoder train model then it will be considered as an attack.

Certifications

- Python for Data science certificate from IBM
- Consultant virtual experience program from Accenture
- FinTech engineering virtual experience program from Goldman Sachs
- Participation of hero campus challenge season 8 from Hero
- Power BI certification from PwC
- SQL certificate from IBM
- Excel certificate from JPMORGAN

Strengths

- Quick learning
- Flexible

- Communication

Languages

- English
- Telugu
- Hindi

Hobbies

- Playing cricket
- Travelling

Declaration

- I hereby declare that all the above informantion is true to the best of my knowledge and belief.