SUNITHA R

DATA SCIENCE ENTHUSIAST

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LINKS

LinkedIn:
http://www.linkedin.com/in/sunitha-r-8036731b9
GitHub:
http://github.com/Sunithar286

DATA SCIENCE SKILLS

PYTHON LIBRARIES

- **NumPy**
- **Pandas**
- **Scikit learn**
- **NLTK and many more**

ML ALGORITHMS

- **Linear Regression**
- **Logistic Regression**
- **Decision Tree**
- **Random Forest**
- **SVM**
- **KNN & Many more**
- **Supervised & Unsupervised**

DEEP LEARNING ALGORITHMS

- **ANN**
- **CNN**
- **TensorFlow**
- **Keras**

NATURAL LANGAUAGE PROCESSING

- **NLTK**
- **Spacy**
- **Transformers**
- **Bert**

DATA VISULISATIONS

- **Tableau**
- **Matplotlib**
- **seaborn**

ABOUT ME

I am a passionate data science enthusiast. Result oriented individual having statistical and analytical ability. I am good with data cleaning, exploratory data analysis, model building, data visualization and deployment. Have the ability to understand the business, solve the problems and describe solutions by explaining in creative way. I ensure to contribute with my knowledge, logical thinking and analytical thinking skills towards the consistent growth and development of the organization. I am motivated to learn, grow, and excel my experience with challenging myself.

WORK EXPERIENCE

DATA SCIENCE – INTERNSHIP 9 MONTHS AT AIVARIENT
(30 DEC 2021- 30 SEP 2022) Bangalore Karnataka.

➢ Building predictive and decision models using machine learning algorithms for various business study cases with optimizations and evaluation techniques.

➢ Analyzed large and imbalanced datasets by performing machine learning techniques to provide data insights, optimistic solutions and strategic directions for making data driven decisions.

➢ Built Machine Learning Models in python Worked on Various Python Libraries Including NumPy, Matplotlib, Pandas, Seaborn, Scikit-Learn, NLTK and many Other.

➢ Worked with text data with text mining techniques including text extraction, cleaning, pattern identifications, categorizations, and entity recognitions.

➢ End-to-end deployment of ML and NLP solutions on web-based frameworks like flask, stream lit and deployed on free cloud server like Heroku.

PROFESSIONAL EXPERIENCE– ASSISTANT PROFFESOR 2yrs AT GOVERNMENT FIRST GRADE DEGREE COLLEGE
(03 DEC 2022) Bangalore Karnataka.

➢ Taught core subjects including **Data Analytics** and **Machine Learning** to undergraduate students.

➢ Designed and delivered comprehensive course materials, focusing on practical applications and tools such as Python, R, and SQL.

➢ Guided and mentored students on multiple data-driven projects, emphasizing real-world problem-solving and analytical techniques.

➢ Organized workshops and seminars to introduce advanced concepts in machine learning and big data technologies.

➢ Collaborated with peers to integrate modern data science methodologies into the curriculum.

PROJECTS

1. BANKRUPTCY OR NON BANKRUPTCY CLASSIFICATION PROJECT
(03 JAN 2022- 03 MAR 2022) .

- ➢ This is a classification model for predicting the probability for a business to either go bankrupt or Not-Bankrupt.
- ➢ Since the variable is to predict it is represented in binary (bankruptcy or non-bankruptcy).
- ➢ supervised ML algorithm to predict the outcome of a dependent variable based on previous observations, solving binary classification problems
- ➢ GitHub Link: https://github.com/Sunithar286/Bankruptcy-Non-Bankruptcy.git

2. HOTEL REVIEW CLASIFICATION NLP PROJECT
(04 APRIL 2022- 03 JUNE 2022) .

- ➢ Cleaning the data Set.
- ➢ Balancing the data Using SMOTE.
- ➢ Vectorizing the text & Building ML model.
- ➢ Deployment of best ML Model streamlit
- ➢ Key Skills: Python, Sk-Learn, Different Classification Algorithms, Model Evaluation, Prediction.
- ➢ Improved the accuracy from 80.92% to 96.40%.
- ➢ GitHub Link: https://github.com/Sunithar286/hotel_review_classification.git

3. TELECOME CHURN PREDICTIONS PROJECT
(04 JUNE 2022- 30 SEP 2022) .

- ➢ As per given dataset, analyze the data.
- ➢ Creating various ML Models.
- ➢ Deployment of Best ML model Using Streamlit
- ➢ Key Skills: Python, Sk-Learn, SMOTE,ML, Model Evaluation, Prediction.
- ➢ GitHub Link: https://github.com/Sunithar286/Telecome-churn.git

EDUCATION

MASTERS DEGREE - 2021
Completed Masters in Computer Science at Bangalore university Jnana Bharathi campus 560056 (2019-2021) with CGPA 7.6

BACHELORS DEGREE - 2019
Completed Bachelors degree in Physics, Mathematics, Computer Science at Pragathi First grade college Vijayapura 562135 (2016-2019) with CGPA 8.9

PRE UNIVERSITY EDUCATION - 2016
PUC in Physics, Mathematics, Chemistry and biology at Vidhyadri PU college Vijayapura 562135 with 69% (Karnataka state board).

KARNATAKA SECONDARY EDUCATION EXAMINATION BOARD– 2014

SSLC at Shrungeri Sharadha primary and school Vijayapura 562135 with 72% (Karnataka state board).

CERTIFICATIONS

- ➢ MACHINE LEARNING WITH PYTHON CERTIFICATE IBM CERTIFIED COURSE.
- ➢ DATA SCIENCE TRAINING CERTIFICATION.
- ➢ INTERNSHIP CERTIFICATE.