

Bala Venkata Bharadwaj

Jr. DataScientist

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WORKEXPERIENCE

Data Analyst

C360 Software

📅 May 2021-Current

📍 Hyderabad

- Amruta is an XAI Project, The platform enables prediction, optimization and prescription across structured and unstructured (text and video) data.
- The purposes of the XAI apps are to provide end users an efficient way to build ML applications with little coding necessary. They cover various use cases with structured data, text data, image and video. The main focus is on providing explainability of these models and provides ways to interpret what is happening within them.
- It is used for health care, financial services, E-commerce and high tech, Travel, Transportation, Logistic and supply chain. we are using one of the python package streamlit it is used to create UI for the machine learning algorithms.
- Postgres to improve real-time reporting of product metrics, saving the company costs, yearly in reduced downtime.
- Used stored procedures, triggers, and views to provide structured data to business units by combining millions of rows of data from disparate data sources.

Jr. Data Analyst

Digital Lync

📅 August 2020 -May 2021

📍 Hyderabad

- Sentimental analysis, Our goal is to find which machine learning model is best suited to predict sentiment (output) given a movie review (input). First we preparing the dataset after dealing with imbalanced classes both class are equally distributed we are doing text representation by using count vectorization and TF-IDF.
- According to our dataset values we are selecting type of machine learning model. In dataset both input and output is given then we are supervised and output data is discrete data then selecting classification problem. We are implemented SVM, Naïve Bayes and logistic regression and decision tree. After models are evaluated by using confusion matrix. Finally tuning the model showing best fitting the model, we obtain the best score, parameters, and estimators.

Business Intelligence Intern

Digital Lync

📅 September 2019–December 2019

📍 Guntur

- Worked with clients to understand business needs and translate those needs into actionable reports in Tableau, saving 16 hours of manual work each week.
- Formed hypotheses, and tested ideas to determine viability of operation outcomes.

EDUCATION

B.Tech

Mechanical Engineering

[Vignan's Lara Institute](#)

📅 September 2016 -April 2020

📍 Guntur.

SKILLS

Git, Tableau, Power BI, Python, Postgres, MySQL, Machine Learning, Data Science.

PROJECTS

- Web Scrapping
- Emotions Recognition
- Code Analysis for an AI based Product
- Sentimental Analysis