Bhagyasree Garatala

✉ garatalabhagyasree@gmail.com

📞 +91-8978401906   🌐 portfolio   in BhagyasreeGaratala   ⌂ BhagyasreeGaratala

Experience

Ernst and Young   **Jan 2022-Present**
Designation - Data Science Consultant   *Bangalore,India*

- **Contributed to Asset Failure Analysis of an Electric Company** :
  * Analysed and Implemented various Asset Health methodologies such as AHI Model , Degradation Curve Model, Effective Age Model, Criticality Model, Failure Probability Risk Model
  * Drafted Technical Design Documents for various Asset Health Models

- **Involved in Research on Perceptual Mapping for Competing Organizations** :
  * Determined Competing Spiritual Brands and Scraped reviews on the Products of the selected brands
  * Pre-processed Data and developed Opinion Mining Engine(OME) to identify aspects from each review by using Aspect Finder Algorithm
  * Created a Database which includes (aspect,aspect group,opinion,negation,adverb,review)
  * Generated Perceptual Maps by clustering selected brands

COGNIZANT TECHNOLOGY SOLUTIONS PVT. LTD   **March 2019-Dec 2021**
Designation - Programmer Analyst   *Bangalore,India*

- Involved in Time Series Modeling with non-seasonal and seasonal data , explored important endogenous variables to predict exogenous variable
- Pre-processed data and extracted relevant features for modeling
- Developed various uni-variate models using SARIMA, SARIMAX, ARIMA

Internship

Full Stack Data Science Intern

ineuron   *Bangalore*

Projects

AutoML | *Python,Nosql:Cassandra, AWS , sklearn*

- Developed a AutoML model which accepts any Dataset and will result the statitics of different Models and also recommend the best model and download link .
- Cassandra(Nosql) Database is used to load and retrieve the dataset
- Explored various ML Regression ,classification and Clustering Algorithms.

Sentiment Analysis on Amazon Fine Food Reviews Data Set | *Python,nltk,gensim models*

- ⌂ CODE
- Cleaned and Deduplicated the data.
- Trained own Word2Vec model using gensim text corpus and Tf-idf Word2Vec.
- Explored various ML classification algorithms and Ensemble Techniques to predict the positive or negitive review.

Education

RCEW, JNTU Anantapur   **July 2014 – July 2018**
B.Tech. (ECE)   *Kurnool, AP*

Technical Skills

Languages: Python, SQL
Technologies/Frameworks: OpenCV, TensorFlow, Keras, Pytorch, nltk, numpy, pandas, matplotlib, seaborn
API with python : Flask(beginner), Django(beginner)
Cloud Deployment : AWS, GCP, Azure, Heroku