BHASKAR DURGA VEERA VENKATA GANGA RAJU ABBIREDDY

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EDUCATION

Boston University | Boston, MA. Expected Dec 2022

Master of Science in Computer Science (*Graduate School of Arts and Sciences*) **GPA:** 3.1/4.0

Coursework: User Centric Systems for Data Science, Object Oriented Principles and Practices, Graduate Introduction to Database Systems**,** Tools for Data Science, Image and Video Computing, Streaming and Event-driven systems.

Vellore Institute of Technology | Vellore, TN. Jul 2017 – Jul 2021

Bachelor of Technology in Computer Science and Engineering. **GPA:** 3.51/4.0

Coursework: Data Visualization, Natural Language Processing, Business Analytics, Statistics, Programming in R, Web Mining, Data Structures and algorithms, Business Math, Machine Learning Fundamentals.

SKILLS

Programming Languages: Python, SQL, R (intermediate), Java.

Data Science Libraries: NumPy, Pandas, Matplotlib, Scikit-learn.

Visualization Tools: Tableau, Power BI, MS Excel.

Tools: MySQL, JSON, PostgreSQL, NoSQL.

EXPERIENCE

APPLETON INNOVATIONS Pvt.Ltd | Visakhapatnam, AP. | *Machine Learning Intern* Jun 2020 – Sep 2020

- Developed recommender system to personalize content of movies, enabled users to be recommended movies based on 30+ data points.
- Implemented a simple 'Spam Filter' in a team using Naïve Bayes Classifier, classifying e-mails as spam or legit.

PROJECTS

Predicting Credit Card Approvals Jan 2022

- Built **machine learning** model to classify credit card gets approved or not.
- Performed **logistic regression** on the dataset, resulted an accuracy of 86%.
- Improved accuracy to 93% by enhancing the ML model with **grid search cross validation.**
- Machine learning, Data wrangling, Logistic Regression, Grid search cross validation, Pandas, Python.

Bank Management System Database Oct 2021 – Dec 2021

- Designed entity relationship model of bank management system.
- Built complete schema of database utilizing **MySQL**.
- Established connection between frontend and backend of the project.

Analysis of fitness data Feb 2021

- Carried out exploratory analysis on dataset from fitness application using Python.
- Analyzed trends, patterns and performed preprocessing utilizing pandas and matplotlib.
- Answered questions of user's running statistics (duration, intensity of run), progress of run over a period.
- Data visualization, Pandas, Matplotlib, Seaborn, Python.

Social Network Analysis. Dec 2019 – Apr 2020

- Performed sentiment analysis on twitter data; built term-matrix, word-cloud to retrieve count, dominance of word.
- Extracted the tweets based on 10 emotional polarities and represented in form of histogram.

CERTIFICATIONS

Coursera: SQL for Data Science, Data Visualization, Database Management Essentials, Basic Statistics.
Datacamp: Introduction to Data Visualization with Matplotlib, Data Manipulation with Pandas.
HackerRank: Python. ***Udemy:*** Microsoft PowerBI Desktop for Business Intelligence.

PUBLICATIONS

Analysis of Reliable Approach for Prediction of heart disease using data mining techniques, **JCR. 2020**, **Issue-5: 1795 - 1800**