Manvitha Kola

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Personal Summary

Experienced Data Analyst holding Master's degree in Data Science and history of working as Business Intelligence Analyst. Involved in solving business problems for making analytical decision across multiple business domains using data preprocessing and data mining techniques. Skilled in Python, R, Tableau, Power BI, Machine Learning, and Advanced SQL

Skills

- o Programming Languages   :   Python, R, C, SQL, PL/SQL
- o Hands-on Tools Experience: Tableau, Power BI, Jira, Git, MS Excel, R Studio, Jupyter
- o Machine learning Libraries :   Scikit-learn, TensorFlow, Keras, Numpy, Pandas, OpenCV, NLTK

Education

TRINITY COLLEGE DUBLIN – MSc IN COMPUTER SCIENCE - DATA SCIENCE (2020-21)

Core Modules: Machine Learning, Deep Learning, Scalable Computing, Data Analytics, Applied Statistical Modelling, Optimization Algorithms in Machine Learning, NLP, Text Analytics, Recommender Systems, Urban Computing

Project: Variable length Image Captcha Solver using CNN
- o CNN Based variable length Image Captcha Breaker on edge devices using tensor flow-lite

Project: Fashion Recommender System
- o Built a Personalized Real-Time Fashion Collection Recommender using transfer learning, approximate nearest neighbors, and embedding centroid detection in PyTorch

Project: MyPlantCare – Real-time Sensor based plant care app
- o Android application using the sense-analyze-actuate model to care for plants based on the real time integrated sensor data

Project: Vehicular Ad hoc Network Simulation on Edge devices
- o Simulated various real-time VANET scenarios on edge devices(RaspberryPis) using P2P communication between devices

Project: Predicting Employability based on LinkedIn Profile Summary
- o LinkedIn profiles data collection, pre-processing and linguistic feature extraction to analyze correlation between extroversion and employability

BTECH. IN CSE | JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY |SEP 2013- 2017

Core Modules: Data Structures, Algorithm Design and Analysis, Information Retrieval Systems, Computer Networks, Cloud Computing and Data Mining.

Project: Stay-Fit
- o Built ioT based smart shoe product prototype using RaspberryPi and Android application

Project: Document-Tagging
- o Solving the problem of document categorization by text classification using NLP

Work Experience

BI DEVELOPER | APPS ASSOCIATES | AUG 2017 – AUG 2020

· Designed and implemented various data warehousing and reporting solutions for clients across HR, Supply Chain Management, Finance and Rights and Royalties business areas.
· Hands-on experience in implementing end-to-end BI solutions involving requirement gathering, acquiring domain knowledge, data warehouse design, data extraction, pre-processing, ETL (SQL, PL/SQL), Reporting and visualization
· Worked extensively on SQL performance tuning
· Advanced level experience in creating interactive visualizations and dashboards using Tableau

Certifications

● Tableau Desktop Specialist