

Eswara Sai Ravi Thej Neeli

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EDUCATION

Northeastern University, Boston, MA

Expected Graduation: December 2019

Candidate for Master of Science, Data Analytics

GPA: 3.7

Relevant Courses: Statistics, Data Mining, Predictive Analytics, Data Visualization

SASTRA University, Thanjavur, India

May 2015

Bachelor of Technology, Computer Science

Relevant Courses: Algorithms and Data Structures, Data Warehousing and Data Mining, Operating Systems, Object Oriented Programming

TECHNICAL SKILLS

Languages: Python (NumPy, Pandas, NLTK), R, SQL

Databases: Oracle SQL, MySQL

Software: MS Excel, Informatica, Bugzilla, JIRA, R Studio, Jupyter Notebook

Visualization tools: Tableau, R Shiny, Excel, Plotly, Seaborn

WORK EXPERIENCE

WIPRO Limited, Bangalore, India | Project Engineer

June 2015 - March 2018

- Written a custom logic Python script to analyze the survival rate of the users within the application, which in turn helped in classifying users based on their BG patterns
- Created some standard and custom dashboards using Tableau to plot the trends in BG readings recorded daily and categorized based on different parameters such as Diabetes Type, Therapy
- Involved in designing User Acceptance Test Protocols for an in-house healthcare mobile application

ACADEMIC & CLUB PROJECTS

Mining Web Pages using NLP | Northeastern University, Boston

Dec 2018 (ongoing)

- The objective is to summarize the text data present on the webpages, data from the webpages was scraped using pyquery package, cleansed and extracted the useful words from the corpus using NLTK package
- Used word embedding algorithms such as Glove and word2vec on the raw data to vectorize the data
- Preprocessed the text using spacy libraries.

Cryptocurrency Market Analysis | Northeastern University, Boston

Nov - Dec 2018

- The objective was to analyze different crypto currencies and rank them based on their Market Capital values
- Implemented EDA (exploratory data analysis), preprocessing on the data set to clean the data
- Plotted one time-series with flexible representation of uncertainty
- Used open source library Prophet, to forecast the Bitcoin capital values for over a period of 90 days
- Visualized the trends in various cryptocurrencies based on its closing, market values using Seaborn and Tsplo library

PIMA Indian Diabetes Dataset Analysis | Northeastern University, Boston

Sept - Oct 2018

- Performed data profiling, cleansing on the dataset and used various data visualization tools such as Plotly, Seaborn
- Classified different types of diabetes based on several predictor variables
- Built classification models such as Decision tree and Logistic Regression, which attained a prediction accuracy of 78%

Determining Transportation Industrial Metrics Using RPT | SASTRA University, Thanjavur

Sept 2014

- Predicted the most economical modes of transport for about 15 cities in India using Random Process Theory and Analytical Hierarchical Process
- Tools Used: Weka, Eclipse IDE