

KRISHITHA AKULA

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EXPERIENCE

- AUG 2020 – AUG 2021 ASSOCIATE PROFESSIONAL SOFTWARE ENGINEER, DXC TECHNOLOGY
 - Led a team of 9 members through a project for monitoring the batch cycles. Worked as IBM Mainframes developer dealing with JCL and COBAL programming to monitor the batch cycles.
 - Intensive training on **Open text ExStream CMM** for 2 months
 - Worked for **Blue Cross Blue Shield(BCBS), Arizona** on Main Frames Pcom
 - Gathering technical requirements from onshore team and coming up with innovative solutions for the clients

EDUCATION

- MAY 2023
MASTER'S IN DATA SCIENCE, UNIVERSITY OF MARYLAND, BALTIMORE COUNTY
Courses: Introduction to Data Science, Introduction to Data Analysis and Machine Learning, Big Data Analytics, Database Management Systems
- MAY 2020 BACHELOR'S IN INFORMATION TECHNOLOGY, JBIET

SKILLS

- Programming: Python, JAVA, C, R, COBAL, HTML
- Database Management: MySQL, Oracle, SQLite, MS Access
- Python Packages: Pandas, NumPy, Matplotlib, plotly, Scikit-learn, Keras
- Software: Microsoft Office Suite, Anaconda, R Studio, Tableau

PROJECTS

- Non-motorists involved in traffic collisions in Montgomery County
 - Collected and analyzed data on traffic collisions happening in Montgomery County
 - Prepared reports that interpret driver behavior, pedestrian behavior, and trends in the collisions
 - Used clustering algorithms to find major collision prone areas
 - Used Tableau and Matplotlib for data intelligence and visualizations
- Baseball performance metrics and salary analysis
 - Compiled and prepped 10 years of Baseball World Series from 10 independent sources using web scraping and other data extraction techniques
 - Created a random forest model in scikit-learn that combined various performance metrics to predict the salary for the players
 - Used Tableau to show how performance and salaries of players changed overtime and how model was performing
- Sentiment analysis
 - Developed Python script to extract tweets, comments data from twitter
 - Performed NLP based Tokenization, Lemmatization, and processed data in machine understandable language
 - Designed and modeled Naïve Bayes algorithm for data analysis to determine sentiment polarity of data set

Leadership Skills

- Excellent organizing and attention to detail abilities
- Ability to work successfully both individually and as part of a team has been demonstrated
- Databases and reporting packages are second nature to me
- Working in a fast-paced atmosphere and meeting tight deadlines is a must
- Proven ability to use data analysis tools and methodologies to gain insights from data and drive business action as a consequence

- Proven ability to gather, organize, analyze, and communicate a large volume of data accurately
- Strong business acumen with a track record of seeing trends, comprehending business drivers, and making effective suggestions