Shuaib Khan

Atlanta, GA 30324

khanshuaibmayanabfugb_y9y@indeedemail.com

+1 470 210 7706

Willing to relocate: Anywhere

Work Experience

Graduate Research Assistant

Georgia State University, J. Mack Robinson College of Business
August 2021 to Present

• Analyzed the twitter Data (Scraping tweets, Data Preprocessing, and visualization) and topic modelling using K-Means, LDA
• Performed Exploratory Data analysis on Unstructured Twitter data. Compared K Means topic model using BERT and LDA using coherence score. Classification of tweets using Logistic Regression, SVM, Random forest and compare the models using
Precision, Recall, F1Score and balancing the data with Stratified and K fold metrics
• Performing N-gram analysis to achieve a better perspective of the data and performing sentimental Analysis
• Data preprocessing and cleaning (tokenization, stopwords removal, punctuations..etc) using NLTK for NLP

Business Intelligence Engineer

AMAZON - India
September 2018 to August 2021

• Worked on the Analytics team at Amazon Logistics to solve business challenges for worldwide stakeholders. • Developed Time Series Forecasting model that provided inventory planning and delivery truck scheduling insights, leading to $ X MM in savings • Classifying fraudulent cases of Inbound Seller stock vendors using Decision Tree with accuracy of 91% Management using SQL Queries and publishing report for departmental metrics (Redshift) • Led a team of 7 people for analyzing the concessions data and detecting the fraudulent glitches for the Customers DNR, IM cases. Our deliverable was to find out the origin at which the fraud was proliferated, e.g customer, transit, Receive Centers, Origin FC etc. ML model modifications in CAP routing • Developed performance goals and objectives from past data to achieve customer promise expectations and ensure accuracy, meeting SLA and quality, playing a key role • Distributing targets between stow, pick and pack functions to ensure BLR7 meets the target of 15000 FPY DPMO. Which resulted a cost savings of INR 1.6 M per annum in BLR7 FC. • Developed a Regression model to predict the inventory space required to stack different GL types • Overall process set up and decision making of Transshipment Inbound Operations from scratch to end by collaborating with business stakeholders – Real time Data Driven decisions and transit route change set ups • Analyzed the previous statistical data to develop customized solutions, reduce costs and improve performances and pointing the abusive customers and setting up the target lines in Customer Returns

Internship

AMAZON
February 2018 to August 2018

• Subject Matter Expert of Customer Returns Operations • Executed Productivity improvement plan which saved cost of INR 13M per year in MAA4 FC • Dashboard Creation for improvement of productivity, Sellable yield, improvement of Refurbishment category from 72% to 97% by setting the process compliant • Reduction of Return Center Defects Per Million Opportunities from 12000 to ~2000 by dive deep data to find out the process gaps and implementing kaizens to fulfill them. Productivity improvement project improved tph from 13 to 17.7 and benchmarked across INFC

Education

Master's degree in Data Science and Analytics
Georgia State University, J. Mack Robinson College of Business
August 2021 to Present

Bachelor's degree in Electronics and Communication Engineering
SRM University - Chennai, Tamil Nadu
June 2014 to May 2018

Skills

- Programming Languages: Python, R programming, C/C++ Databases: MySQL, MongoDB
- BI Tools: Tableau, PowerBI
- Numpy
- Pandas
- Sckit-learn
- Seaborn
- Matplotlib
- Plotly
- NLTK
- OpenCV
- Pyspark
- Neural Networks
- Linear/Logistic Regression
- Random Forest
- SVM
- KNN
- K-Means Clustering
- Decision Trees
- XG Boost
- Ada-boost
- Natural Language Processing
- Hadoop
- Data science pipeline (Cleansing, EDA, Visualization, Scaling, Encoding, Modelling, Interpretation, Validation) Statistics

- Time series Analysis (ARIMA, SARIMA)
- Hypothesis testing
- APIs
- Advance MS Excel
- Analytics
- SQL
- Computer Science
- Business Analysis
- MATLAB

Links

https://www.linkedin.com/in/shuaib-alikhan/