ABOUT ME

Data Scientist with 2+ Years of experience executing data-driven solutions to increase efficiency, accuracy with abilities like self-motivated, clear communication skills, problem solving, analytical skills.

Experienced at creating predictive modeling & data mining algorithm to deliver insights & implement action-oriented solutions to complex business problems.

CONTACT

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TECHNICAL STACK

Data Science/Machine Learning/Deep Learning: -

Python Programming, J2SE, J2EE, Supervised/Unsupervised ML, Regressions, Classifications, NLP, Neural Networks (ANN, CNN, RNN), EDA, Feature Engineering /Selection/Extraction, Statistics, Predictive & Statistical Modeling.

Python Packages: - Pandas, Matplotlib, Seaborn, NumPy, Scikit-Learn, SciPy, TensorFlow, Keras, Beautiful Soup

Web Development: -

HTML, CSS, Web services, Flask, Fast API

Business Intelligence: -

Tableau, Microsoft Power BI

Relational Databases: -

SSMS, Oracle, MySQL

Cloud technologies: -

AWS EC2, Sage maker

Languages: -

English, Japanese, Hindi, Marathi, Kannada, Telugu

Rampure Vishal
Data Scientist

SUMMARY

1] Leverage critical thinking and problem statement definition, & problem solving to ensure efforts are focused on delivering impactful and actionable outcomes.
2] Develop data driven methodologies including data source and feature identification, feature engineering & analysis using code driven methods that can translate from research to production.
3] Analyze, conceptualize and develop explanatory, predictive, & prescriptive scalable software solutions using appropriate mathematical methods like statistics, time-series analysis, supervised and unsupervised machine learning methods, natural language process (NLP) with crunch deadlines & pressure.
4] Collaboration/Communicate across cross-functional stakeholders, DE & SE to build strategy, implement models & monitor outcomes, improve processes and help stakeholders become more data savvy.
5] Communicate and visualize insights to multiple levels of stakeholders with clarity, informed decision-making.

PROJECTS

Customer Evaluation (Risk Modeling)
- Evaluating Clients credit data & financial statements in order to determine degree of risk in lending money.
- Performed variety of statistical analysis in Python & built interactive dashboard using Tableau on raw data.
- Worked closely with senior DS to design & implement end-to-end project using ML Models which evaluates customer data and predicts risk involved in application approval & achieved accuracy of 87%.
- Created pipeline, REST using Fast API & AWS to deploy model in production. Increased the work efficiency & profit by 28%.

Sales & Profit Forecasting (Retail - FMCG)
- End goal of the project is to build the forecasting model on time series data to forecast (Univariate) sales & profit for next 2 years using historical data of 10 years.
- Coordinated with the client team & visualized the raw data in BI Tool to understand the behavior of the data & business.
- Performed data cleaning, hypothesis testing to ensure the data successfully transformed into stationary format for model building.
- Built the machine learning model to forecast sales & profit of dairy products of the company across multiple geographical areas and determine the business operation.

Customer Segmentation (E-commerce)
- Objective of the project is to conduct segmentation of customers on Ecommerce
- data on the basis of patterns of purchase, behavior on website.
- Built comprehensive analysis on customer & market segmentation on dummy / open-source data which helped in understanding product design, marketing & customer satisfaction.
- Carried out data cleaning, EDA on diverse real-world data (everchanging, oscillating trends).
- Built machine learning model using k-means clustering for customer segmentation.

Clustering Bigram & Topic Modeling (NLP)

- Objective of the project is to conduct detailed analysis on Text Data which is collected in contact center.
- Collected the data from SSMS (SQL Server Management Studio).
- Cleaned the data using multiple Methods like removing stop words, lemmatization, word & sentence tokenization.
- Transformed the text data using BOG (Bag of Words) & TfidfVectorizer.
- Created the Bigram & Trigram as well as count plot of top 10 repeated words in conversation.

EDUCATION

MCA
2017-2021   Osmania University, Hyderabad, Telangana

BCS
2012-2016   SRTM University, Udgir, Maharashtra