

Sayan Mondal

Data Analyst

Data Science enthusiasts would like to add analytical value to the organization using Data Science skills & tools. Proficient in predictive modeling, data processing, and data mining algorithms.



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WORK EXPERIENCE (3 YEARS 8 MONTHS)

Data Analyst

Ganit Business Solutions Pvt. Ltd.

02/2021 - Present

Achievements/Tasks

- Conceptualize client business problem statements into data-based analytical hypotheses. Develop analytics project approach & present insights using multiple ML techniques. Demonstrate knowledge and execution on different ML models to different stakeholders

Data Scientist (Intern)

Innodatatics

12/2019 - 09/2020

Tasks

- Data Mining, Exploratory data Analysis, Feature Engineering, Feature selection, Model Building, Used RandomizedSearchCV & GridSearchCV to tune the hyperparameter of Random forest and XgBoost & Logistic Regression to improve the model performance.

Assistant Manager Sales & Marketing

Synergy Cargo Management(I) Pvt. Ltd.

07/2018 - 03/2019

Achievements/Tasks

- Handled key accounts & helped them grow their business by implementing sales analytics. Competitors Analysis to understand competitors pricing, strategy. Developed problem-solving approach pertaining to business process issues using small data models in cargo management.

Business Associate

Porter.in

04/2017 - 10/2017

Achievements/Tasks

- Developed & implemented Data analytics-based sales strategy using dashboard-based analytics insights. Developed proof of concepts on new negotiation skills, solution building. Researched & analyzed market innovations, process development.

Sales Engineer

Larsen & Toubro Ltd.

09/2012 - 11/2013

Achievements/Tasks

- Identified and structured client's business requirements to help ,increase visibility pertaining to demand & supply, Managed sales & delivery process to the assigned customer ,Provided full management and operations support to the sales department.

EDUCATION

MBA- Marketing

ITM Business School

06/2015 - 07/2017

B.E- Electrical

Pune University

08/2008 - 09/2012

Data Science professional Certification

ExcelR

06/2019 - 11/2019

SKILLS

Python

SQL

Power BI

ML/DL

Excel

Statistics

PROJECTS

Restaurant customer segmentation & Food recommendation (Top Indian Restaurant chain)

- Established segmentation of customer depending on their food habit, time based preference,deal based preference
- This project helped the client to target specific segment according to their behaviour

Credit Card fraud detection -(Leading Indian Bank)

- Identified fraud transaction with 98% recall value .which prevents the the business from massive loss

Topic modelling from chatbot data (Educational Institution)

- Find out the top 5 important topic from 90 days conversational data and take meaningful marketing action on it.
- Through this project conversion rate is increased to 7%

Medicine Review Sentiment Analysis

- Analyzing the sentiment of medicine review and find out the side effects and rectify it
- accuracy level 82%

Cancer Prediction from patient's data

- Cancer prediction with kappa score 0.96. Check the feature importance through Random forest and implemented it accordingly.
- Through this project people will understand earlier the chance of cancer and take the necessary precaution at earliest

IMPLEMENTED MODELS & LIBRARIES

Machine Learning Algorithm

XGBoost,CatBoost,RandomForest, Logistic Regression,Ridge & Lasso,ElasticNet Regression,KNN,Naive Bayes,K-Means,APRIORI/Market Basket Analysis ,DBSCAN,RFM,LDA

Deep Learning Algorithm

Artificial Neural Network,LSTM, BI-LSTM

Python Libraries

NumPy,Pandas,Pandas profiling,Matplotlib, Seaborn,Sweetviz, Keras,TensorFlow, Scikit-Learn

Text Mining

NLTK, Genism, Spacy, Stanford NLP,Glove,Word2vec, Text Blob