KAUSHIK MAZUMDAR

Critical Thinker, Passionately Curious, and just a regular individual who loves to unlearn & learn continuously. Believes in Self Learning, where I can find the answers about anything I don't know.

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SKILLS

Python	JavaScript
MySQL	NumPy
Pandas	Scikit-Learn
Matplotlib	Seaborn
HTML	CSS
Vanilla-JS	Tableau
Power BI	SPSS Modeller
MS Excel	

Advanced

FINANCIAL SKILLS

Financial Reporting

Equity Research

DCF Valuation

CERTIFICATIONS

Data Analyst with Python
DataCamp

OPERATIONS ANALYTICS
Coursera

CUSTOMER ANALYTICS
Coursera

Microsoft Excel-Excel from Beginner to Advanced
Udemy

THE BUSINESS INTELLIGENCE ANALYST COURSE
Udemy

People Analytics
Coursera

Accounting Analytics
Coursera

IBM Certified Specialist - SPSS Modeler Professional v3
IBM

LANGUAGES

English	Bengali
Hindi	Assamese

EDUCATION

Google
- This may seem absurd, but all my current & on-going skills came into existence with the help of Internet.

Avalon Meta Pro Leagues   (August 2020 - January 2021)
- Mastering Finance with a deep dive into Stock Market and Investment Banking

Edwisor.com   (March 2019 - September 2019)
- Undertaken Practical project based Training in Data science & Machine Learning.

Visweswaraya Technological University, Belagavi (Karnataka)   (August 2014 - July 2018)
- B.E in Mechanical Engineering

ANALYTICS PROJECTS

Investment Data Analysis
https://github.com/kmzdr1/Investment_Analysis
- A company with a constrained budget wants to invest globally where other investors are investing
- Used multiple datasets from Crunchbase.com and Python for Data cleaning, Data Analysis, Data Visualization
- Data Analysis determined the best sector, best county and a suitable investment type for making investments

Loan Data Analysis
https://github.com/kmzdr1/Loan_Analysis
- A Financial Company needed to take decisions for loan approval of their customers
- Used large dataset with 111 different variables and implemented Exploratory Data Analysis using Python to determine relationship between loan default and other dependent variables to minimize risky loans

Customer Transaction Prediction
https://github.com/kmzdr1/Customer_Transaction_Prediction
- A binary classification of large imbalance dataset to find out if a customer will make a transaction or not
- Used Python for Data Cleaning, Data Visualization, Oversampling methods like SMOTE to balance the data, Permutation Importance for Feature Engineering, Feature Selection and Data Analysis.
- Implemented Random Forest Classifier, Logistic Regression, Gradient Boosting Model etc. and finally trained, validated and tested Gradient Boosting Model to get an AUC score 0.89

Cab Fare Prediction
https://github.com/kmzdr1/cab_fare_Prediction
- A cab Ride company wants to predict the fare amount for a cab ride based on modelling of historical data
- Data Analysis including Data cleaning, Data visualization, Feature Selection undertaken using Python
- Implemented different Algorithms like Linear Regression, Random Forest, Decision Trees, Gradient Boosting to predict the best cab fare and finalised the Gradient Boosting Model with the R2 Score of .75

FINANCE BASED PROJECTS

- A detailed report on Research and Analysis of Media &Entertainment Sector with further Financial Research, Analysis & selection of three stock listed companies in that sector that has the potential to become Multi-baggers in upcoming future. **LINK**

- Financial Research & Analysis of Large& Mid cap Mutual Fund type, with finding & selection of two best funds for long term investment in that Mutual Fund type. **LINK**