Gaurav Sawant

Data Analyst

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SUMMARY

Google Certified Data Analyst with good experience in cutting edge technology of Data Science, passionate about solving problems by building models which can detect and fix problems. Good grip on Data Science & Business Intelligence tools :Python, SQL, SAS, Microsoft Power BI, MS-Excel and Tableau. Seeking to leverage data analytical skills to improve corporate performance as a data analyst.

TECHNICAL SKILLS

Programming Languages : Python ,SSAS, MySQL, SAS, R Programming
Business intelligence Tools : Microsoft Power BI, Tableau
Big Data & Cloud Tools : AWS, Microsoft Azure
Machine Learning Algorithms : Support Vector Machine, Naïve Bayes, K Nearest neighbor, Linear Regression, Logistic Regression, GLM, Decision tree, Random forest, Gradient boosting, Xgboost, Adaboost, Deep Learning
Data Science & Miscellaneous Technologies : Microsoft Office - Excel (Advance), MS - Word, MS PowerPoint, ETL, Data Science & Data Analytics Pipeline (Descriptive Analysis, Data Cleaning, Data Visualization, Data Modelling, Data Interpretation), Statistical Analysis, Hypothesis Testing, OOPS, Predictive Analysis, EDA , Heroku

EDUCATION

Post Graduate Diploma in Data Science — Jul '21 - Aug '22
International Institute of Information & Technology - Bangalore — Bengaluru, IN
CGPA 3.5/4.0

Bachelor of Engineering in Mechanical Engineering — Aug '16 - Oct '20
University of Mumbai — Mumbai, IN
B. R. Harne College of Engineering and Technology

PROJECTS

Title: Market & Research Analysis | Tableau , Python, PowerPoint | July'22

- Objective: An e-commerce company suffering from inventory losses. The objective is to find out the cause and what steps can be taken to avoid the losses
- Solution: Python was used for performing **data cleaning** and **EDA** to get **clear insights** from data
- **23 different Tableau worksheets** were created to analyze the data and get insights , combined to get **9 dashboards** focusing on various inventory as well as category issues and how can it be tackled
- Performed **Market Basket Analysis, Pareto Analysis** and also found out the categorization errors
- Key Achievement: Executed a model showcasing **Insights** from data which can drastically reduce the inventory losses and help in **Profit contributions**
- Explained the analysis with the help of **PowerPoint** and made a Video on it

Title: Car Price Predictor | Python (Pandas, SK-learn, pickle), Flask, Heroku | July '22

- Objective: Build a linear regression model to predict the price of vehicles for 2nd hand purchase or selling of a car
- Solution: Made secondary research analysis on the data with the help of various **EDA methods** like **data cleaning, filtering** methods and built a **linear regression** model on it which can predict the price of car depending on various categorical variables like brand, car model, fuel type, model year, and kms driven
- Designed the application using Flask and bootstrap methods
- Pickled the regression model for the application development and deployment using Flask and Heroku application
- Key Achievement: **https://carprice-predictor-api.herokuapp.com/** using this link you can access the predictor and get the predicted price depending on the input provided

Title: Market Research for Bicycle Manufacturer | Power BI | Apr'22

- Objective: Create a **Power BI dashboard** to get **Insights** from a dataset of an automobile company
- Solution: With the help of Power BI performed **EDA** and **data cleaning** to get **clear insights** from data with the help of **Power Query**
- Processed data with Power BI to get **Visualization Report** for a better understanding of data and gain multiple insights from the data with the help of Power querying and **DAX**
- Mentioned **KPIs** with the help of **DAX queries**
- Key Achievement: Executed a model showcasing **key insights** of data like **Revenue by markets**, **Profit contributions from customers & the best selling products, Revenue contribution.** Applied Row-Level Security on the dashboard for regional viewing of insights

Title: Lead Scoring for EdTech Firm | Python (Pandas, SK-learn) | Jan '22

- Objective: Build a logistic regression model to assign a lead score which can be used by the company to target potential leads.
- Solution: Made analysis on the data with the help of various **EDA methods** like **data cleaning, filtering and visualization** methods and found out the groups with high correlation
- Designed **Logistic Regression** model to predict the leads which are most likely to convert into paying customers
- Key Achievement: Developed a model with an **Accuracy of 92.27%** and **area under ROC 0.97** successfully achieving the lead conversion rate of minimum 80% given by CEO

Title: IMDb Movie Data Exploration | MySQL | Jan '22

- Objective: To create a database and the find out interesting insights in 100 top-rated movies from past decade
- Solution: **Created database** and Performed various **Data Analysis** methods to understand the data get answers from the table
- Key Achievement: With **Data Exploration Techniques** derived data driven insights

CERTIFICATIONS/TRAINING

- **Google Data Analytics** Professional Certificate
- **Business Analytics Fundamentals** | Upgrad
- **Advanced Google Analytics** | Google Analytics Academy
- **Power BI PL-300 Training**