# GAURAV SAWANT

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## Data Analyst

## 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 (5 star at Hackerrank), 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, SQL, R Programming

**Business intelligence Tools:** Microsoft Power BI (DAX, Power Query, Reports, Dashboards), Tableau (Data Visualization, Dashboards)

**Big Data & Cloud Tools:** AWS, Microsoft Azure

**Machine Learning Algorithms:** Support Vector Machine, Naive Bayes, K Nearest neighbour, Linear Regression, GLM, Decision tree, Random Forest, Gradient boosting, Xgboost, Adaboost

**Data Science & Miscellaneous Technologies:** Microsoft 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 |** *August 2022*

**International Institute of Information Technology – Bangalore**          CGPA   3.5/4.0

Bengaluru**,** IN

**Bachelor of Engineering in Mechanical Engineering |** *October 2020*

**University of Mumbai**          CGPA 6.22/10.0

B. R. Harne College of Engineering and Technology

Mumbai, IN

## PROJECTS

**Title: Market & Research Analysis** | *Tableau, Python, PowerPoint | Aug '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 and improve ROI
- Solution: Python was used for performing **data cleaning** and **EDA** to get **clear insights** from data
- **23 different Tableau worksheets** were created to analyse 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**, **ROI Analysis** and 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 second hand purchase or selling of a car
- Solution: Made 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 supplied

**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 highlighting **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: 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
- Created numerous simple to complex queries involving CTE, Self Joins, Correlated Subqueries for diverse business requirements. Tuned and optimized queries by analysing different query options and indexing strategies.
- Key Achievement: With Data Exploration Techniques derived data driven insights

## CERTIFICATIONS / TRAININGS
- Google Data Analytics Professional Certificate
- SQL for Data Science | Udemy
- Business Analytics Fundamentals | Upgrad
- Advanced Google Analytics | Google Analytics Academy
- Power BI PL-300 Training | Udemy