Hemant Buchade

✉ hemantbuchade41@gmail.com 📞 +91 7262019693 📍 Pune, Maharashtra in LinkedIn ○ GitHub ⚲ Portfolio

🎓 EDUCATION

Bachelor of Engineering   2018 – 2022
JSPMs Rajarshi Shahu College of Engineering   Pune, India
CGPA: 8.45/10

🧠 SKILLS

Programming languages and IDE: (Python, Html, Jupyter Notebook, Pycharm),
Tools: (Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn, Beautiful Soup),
Others: (MySQL, Oracle SQL Developer, Tableau, Power BI, Excel, Statistics),
Data skills: (Data analysis, Data visualization, Exploratory Data Analysis, Web Scrapping, Machine Learning)

📁 PROJECTS

Analysis Of E-Commerce Website Database With MySQL: ⧉

- Used **eCommerce database** of Soft-toy company, to help steer the decisions of a business by analyzing marketing channels, measuring website performance, and assessing product performance.
- Calculated bounce rates, created conversion funnels, and analyzed customer behavior.
- Wrote **SQL queries over 500,000 customer records** spanned across **3** years to extract desired information.

Movie Recommender System ⧉

- Developed a **movie recommender system** using Python and machine learning techniques on a dataset of TMDB movies (size of **5000,23**).
- Conducted comprehensive data preprocessing by merging datasets, handling missing values, and extracting key features from the movie data.
- Utilized **natural language processing** and **cosine similarity** algorithms to generate movie recommendations, enhancing the user experience by suggesting **5** similar movies based on user input.

Exploratory Data analysis on IPL dataset ⧉

- Performed comprehensive Exploratory Data Analysis (**EDA**) on Indian Premier League (**IPL**) data spanning from **2008 to 2022**, gaining deep insights into match outcomes, player performance, and team dynamics.
- Analyzed and visualized datasets, 'matches' (size: **950,20**) and 'deliveries' (size: **225954, 17**).
- Utilized various **data visualization** techniques to analyze the trends in player performance and team performance.

Sentiment Analysis of COVID-19 tweets ⧉

- Built a sentiment analysis model for **COVID-19** tweets (size: **41157, 6**).
- Demonstrated expertise in advanced **data processing** and NLP methodologies, including **text cleaning**, **tokenization**, **stemming**, and **lemmatization**, ensuring meaningful insights from noisy text data.
- Achieved accuracy in the classification of multi-class (**62%**) and binary (**87%**).

🧩 VIRTUAL EXPERIENCE PROGRAMS (REMOTE- PROJECTS)

PWC Analytics Power BI ⧉

- Analysed Call Centre, Churn, and Diversity Inclusion datasets(7043,23)to identify trends, **improve customer retention and diversity & inclusion.**
- Performed data cleaning, conducted a **customer risk analysis**, defined **key performance indicators** (KPIs) resulting in a **15%** improvement in data accuracy, generated insights, and created **dashboards.**

🎖 CERTIFICATES

Mastering in Data Science (3 ri Technologies),
Advanced SQL: MySQL Data Analysis & Business Intelligence (Udemy),
Microsoft Power BI Desktop For Business Intelligence (Udemy), **Data Analysis using Excel** (Great learning)

🏅 ACHIEVEMENTS/ HONORS/ OTHERS

- Achieved **1st** rank in the **Maths Olympiad** [Maharashtra education society] in inter-school competition.
- Gold Badge in SQL on **HackerRank**.
- Analytical thinking, problem-solving, decision making, team player, leadership, communication, collaboration, etc