Abhibhav Sharma

Student at UIET, Panjab University, Chandigarh

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GitHub: https://github.com/Abhibhav2003
Leetcode: https://leetcode.com/u/Bhavi_Sharma/

Skills

- **Programming Languages**: Python, C, C++, SQL, JavaScript
- **Analytical Tools** : Advanced Excel, Python, Power BI, SQL, Statistics
- **Libraries and Framework** : BeautifulSoup, requests, Pandas, Numpy, Matplotlib, Seaborn, plotly.express, Streamlit
- **Relational Database Management Systems**: MySQL, Microsoft SQL Server
- **Web Technologies**: HTML, CSS, JavaScript, Django

Education

University Institute of Engineering and Technology, Panjab University

Bachelor of Engineering (BE) in Computer Science | Nov 2022 – Present

- CGPA: 7.86

Govt. Model Sr. Sec. School, Sector-16, Chandigarh

Class 12th | 2021 – 2022

- Percentage: 93.2

Children's Academy Sr. Sec. School

Class 10th | 2019 – 2020

- Percentage: 91.6

Industrial Training

Design And Innovative Center, UIET Panjab University | Chandigarh | July 2023

- Developed proficiency in data visualization techniques using Tableau.
- Created interactive dashboards, charts, and reports for data analysis.
- Worked on real-world datasets to improve decision-making through data-driven approaches.

The Tribune, Chandigarh | June 2024 – July 2024

- Gained expertise in Advanced Excel for data processing and analysis.
- Learned SQL for efficient database querying and management.
- Worked on data cleaning, filtering, aggregation, and analysis to extract meaningful insights.

Projects

Sales Performance & Training Analytics Dashboard

Tech Stack Used: Microsoft Excel
Link to the Dashboard: *Sales_Performance_Metrics_final.xlsx*

About the Project:
This interactive Excel dashboard provides comprehensive insights into sales performance, consultant contributions, advertising effectiveness, and training enrolments. It enables businesses to track key metrics, optimize marketing strategies, and identify revenue trends through dynamic visualizations.

Features of the Project:

- Designed an interactive sales tracking dashboard using Pivot Tables.
- Created dynamic visualizations including bar charts, line graphs, pie charts, radar charts, and KPI indicators.
- Implemented interactive slicers and filters for in-depth analysis of revenue, consultant performance, and advertising impact.
- Analysed advertising performance across platforms like Google Ads, Facebook, WhatsApp, YouTube, and TV.
- Developed custom Excel formulas to highlight top-performing consultants and key sales trends.

- Tracked call analysis (paid/unpaid), training enrolments, and area-wise sales for business growth evaluation.

Advantages / How It Helps:

- Provides real-time insights into sales and marketing performance.
- Helps businesses optimize advertising spend by identifying effective platforms.
- Enables decision-makers to track consultant contributions and revenue trends.
- Enhances operational efficiency with automated data analysis and visualization.
- Facilitates data-driven decision-making for sales and training strategies.

YourAnalyst

Tech Stack Used: Streamlit, HTML
Libraries Used: Pandas, requests, BeautifulSoup, plotly.express, Time, st_lottie
GitHub Link: YourAnalyst

About the Project:
YourAnalyst is a web-based tool designed for data cleaning and analysis. It provides an intuitive UI for users to preprocess and explore datasets efficiently. The platform also includes web data extraction capabilities, enabling users to fetch and analyze external data sources.

Features of the Project:

- User-friendly interface for seamless data analysis.
- Web scraping functionality to extract data from websites.
- Advanced data preprocessing: handling missing values, duplicate removal, and data formatting.
- Integrated Exploratory Data Analysis (EDA) with interactive visualizations (bar charts, scatter plots, and line charts).
- Supports large file uploads (CSV, Excel, Text) up to 200 MB.

Advantages / How It Helps:

- Simplifies data cleaning and preprocessing for users with minimal coding knowledge.
- Enhances data-driven decision-making through interactive visualizations and statistical insights.
- Automates web data extraction, reducing manual efforts in data collection.
- Efficiently processes large datasets, making it useful for business analytics and research.

Web Scraping Project

Tech Stack Used: Python
Libraries Used: Pandas, BeautifulSoup, requests
GitHub Link: Reddit Web Scraping Project

About the Project:
This project is a web scraper designed to extract details of the top Reddit communities, including their categories, subscriber counts, and direct links. The collected data is structured and stored in an Excel file (*Scraped_Data.xlsx*) for further analysis.

Features of the Project:

- Scrapes top Reddit communities efficiently.
- Extracts subreddit names, categories, subscriber counts, and links.
- Saves the scraped data in a structured Excel file for easy access.
- Utilizes BeautifulSoup for parsing and extracting relevant information.

Advantages / How It Helps:

- Automates data collection from Reddit, saving time and effort.
- Provides structured insights into popular communities for analysis.
- Helps researchers and marketers identify trending topics and audience interests.
- Enables further processing of data for business intelligence and trend analysis.

Exploratory Data Analysis using SQL

Tech Stack Used: SQL
GitHub Link: SQL

About the Project:

This project performs an in-depth **Exploratory Data Analysis (EDA)** on COVID-19 datasets using SQL. It analyses key aspects like total cases, deaths, death rates, and vaccinations to derive meaningful insights. Various SQL techniques, including aggregate functions, CTEs, Joins, Views, and Temporary Tables, are used for efficient data analysis.

Features of the Project:

- **Data Cleaning**: Conversion of string-based numerical fields to appropriate data types.

- **Case and Death Analysis**: Total cases vs total deaths, death percentage, and infection rate per population.
- **Country-Specific Analysis**: Focused analysis on India's COVID-19 trends.
- **Population Impact**: Percentage of population affected and death rate per continent.
- **Time-Based Insights**: Identification of the first recorded deaths and daily case trends.
- **Vaccination Analysis**: Integration of vaccination data with death cases for better visualization.
- Use of CTEs and Views for efficient query execution.

Advantages / How It Helps:

- Provides deep insights into COVID-19 trends using SQL without requiring external tools.
- Helps in understanding the pandemic's impact across different countries and continents.
- Assists policymakers and researchers in making data-driven decisions.
- Enhances SQL proficiency through real-world data analysis.

Extra-Curricular Activities

- **Member**, Debating Society of UIET (2022 – 2023)
- **Organizing Committee Member**, GOONJ (Annual Techno-Cultural Fest of UIET) (2023)
- **Member**, RAC Club of UIET (2024 – Present)
- **Volunteer**, Nanhe Kadam (NGO for Underprivileged Children) (2024 – 2025)
- **Head of Coordination Department**, GOONJ (2025)
