

Dhvanish Samanta

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EDUCATION

Chandigarh University

B.E. in C.S.E (Hons.) (Spl. in Big Data Analytics) | 8.31 CGPA

Mohali, Punjab

September 2020 – Present

Gujarat Public School

Intermediate (CBSE) - PCM

Vadodara, Gujarat

2020

TECHNICAL SKILLS

Languages: C++, Python, SQL, HTML/CSS, Javascript

Additional Tools: Git/Github, Linux, VS Code, Hadoop, Weka

Core Subjects: Operating System, Database Management Systems, Computer Networks, DSA

PROJECTS

Spotify Playlist Recommendation System | [Python](#) | [Github Link](#)

February 2023 - July 2023

- Led a collaborative team of four in developing the Python-based Spotify Recommendation System, revolutionizing music discovery for users by leveraging the Spotify API.
- Implemented content-based recommendation algorithms, resulting in an impressive 80% accuracy rate in song selection and feature extraction.
- Integrated three ML algorithms namely: K-Nearest Neighbours, Random Forest, and Principal Component Analysis using scikit-learn library.
- Utilized Pandas for efficient data processing, culminating in the unique feature of seamlessly creating new playlist almost 100 songs in users' Spotify library.

Olympics Data Analysis | [Python](#) | [Github Link](#) | [Live Demo](#)

August 2023

- "Olympic Data and Analysis" is a Python-based project spanning 120 years of Olympic history, revealing insights from Athens 1896 to Rio 2016.
- Worked in a team of two to perform comprehensive data analysis and extracting athlete biographical information and medal results, shedding light on a century of athletic achievements.
- Worked upon mainly three Python libraries that are Streamlit, Pandas, and Plotly Express, and visually presented key trends and age-based patterns in Olympic sports.
- Demonstrated the power of data-driven insights from complex historical data, generating a valuable resource for sports enthusiasts and analysts interested in the evolving landscape of Olympic achievements.

PGLife | [HTML](#), [CSS](#), [Javascript](#), [PHP](#), [SQL](#) | [Github Link](#) | [Live Demo](#)

June 2022

- Oversaw a team of four to build a web development project tailored specifically for finding and booking PGs for student accommodations.
- Used HTML, CSS, and basic JavaScript to create an interactive and user-friendly web interface for seamless navigation.
- With Javascript, we incorporated a user registration and login system, allowing personalized experiences and the ability to save more than one PG listings.
- Leveraging two components of Bootstrap CSS framework namely Breadcrumb and Carousel for enhanced visual appeal and used phpMyAdmin for robust data management.

CERTIFICATIONS

HTML, CSS and Javascript for Web Developers (Coursera) | [Certificate Link](#)

Databases and SQL for Data Science with Python (Coursera) | [Certificate Link](#)

TRAINING AND INTERNSHIP

KPMG Virtual Internship Data Analytics (Forage)

LANGUAGES

English (IELTS - 7.5) | **Hindi** | **Gujarati**