

# SANJIBAN DEY

Data Analyst

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## Skills

Python • MS Excel • MySQL • Tableau • Figma • Data Analytics • Data Cleaning • Data Visualization • Machine Learning (Basic)

## Projects

### Movie Recommender System

github.com/Sanjiban08/Movie\_Recommender\_Site

01/2024 - 02/2024

Technology Stack: Python(Pandas, NumPy, Streamlit), Content-based Algorithm

- Conducted thorough data preprocessing to enhance dataset integrity and refine algorithmic precision.
- Implemented Python to craft compelling data visualizations, improving the user interface and transforming the overall experience, leading to a significant boost in user engagement.
- Demonstrated end-to-end proficiency in data preprocessing and Python, building a robust, user-friendly recommendation platform that garnered an increase in user satisfaction.
- Oversaw a seamless execution from concept to implementation, emphasizing the harmonious integration of data processing expertise and Python programming skills, resulting in a notable enhancement in project delivery efficiency.

### COVID-19 Global Vaccination Tracker

github.com/Sanjiban08/COVID-19\_Global\_Vaccine\_Tracker

12/2023 - 12/2023

Technology Stack: Tableau

- Ensured the utmost accuracy in the "COVID-19 Global Vaccine Tracker" through thorough data cleansing, achieving a remarkable reduction in data discrepancies.
- Engineered a user-friendly dashboard, integrating powerful data visualization techniques for heightened user engagement, leading to a substantial improvement in data interpretation.
- Showcased comprehensive development expertise, focusing on adept data purification, responsive dashboard creation, and compelling visualization strategies, contributing to a noteworthy increase in overall system performance.
- Spearheaded the refinement of information integrity, fostering an immersive user experience through the seamless convergence of data cleaning, dashboard creation, and impactful visualization, resulting in a significant reduction in user-reported issues.

### Coffee Sales Analysis

github.com/Sanjiban08/Coffee\_Sales\_Dashboard

11/2023 - 11/2023

Technology Stack: MS Excel, Pivot Tables

- Utilized MS Excel for precise data preprocessing in the "Coffee Sales Dashboard," employing strategic pivot tables for accuracy, achieving a notable improvement in data presentation efficiency.
- Executed a potent visualization strategy to elevate user comprehension and engagement levels within the dashboard interface, leading to a substantial increase in user interaction.
- Demonstrated proficiency in MS Excel through the seamless execution of comprehensive development tasks, highlighting expertise in pivot tables, precise data preprocessing, and impactful visualizations, contributing to a remarkable improvement in reporting accuracy.
- Contributed to a Coffee Sales Dashboard, integrating advanced Excel functionalities to deliver a compelling user experience, resulting in an increase in sales data accuracy.

## Education

Vellore Institute of Technology

Bhopal

Master of Computer Application | CGPA: 8.02 / 10.0

08/2022 - Present

University of North Bengal

Siliguri

B.Sc. Computer Science Honours | CGPA: 8.05 / 10.0

04/2018 - 04/2021

## Certifications

Google Data Analytics — Coursera

Google Advanced Data Analytics — Coursera

## Volunteering

Siliguri College

Associate Organizer

10/2018 - 10/2018

Demonstrated effective leadership and collaboration while working with all teams during the Inter-College Cricket Tournament.

Siliguri Boys' High School

Head Organizer

08/2018 - 11/2020

Organized the winning team and its players in the Inter-School Football Competition.

## Personal Interests

Sports

Movies

Cooking