

ASHUTOSH KUMAR SINGH

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EDUCATION

Asansol Engineering College

2021 – 2025

B.Tech - Computer Science And Engineering - CGPA - 7.7

Asansol, West Bengal, India

TECHNICAL SKILLS

Languages / Tech Stack: Python, Excel, Power Bi, SQL , PowerPoint

Top Skills: Data Analysis, Data Visualization, Machine Learning

Soft Skills: Communication, Team-Work, Time Management , Leadership

PROJECTS

Nirvana Music Store Data Analysis | SQL

14-03-2025

- Overview:** Performed **data analysis** on a Music Store database using **SQL**, extracting insights on customer purchases, popular genres, and revenue trends.
- Impact:** Generated **actionable business insights** that helped optimize sales strategies, improve customer retention, and enhance revenue forecasting.

Annandam Store Annual Sales Report | MS EXCEL

28-02-2025

- Overview:** Developed an **Annual Sales Report** for Annandam Store using **MS Excel**, performing **data cleaning, preprocessing, and analysis**, and creating an interactive dashboard to visualize key sales metrics.
- Impact:** Extracted **valuable business insights** that improved decision-making, identified sales trends, and enhanced overall business performance through data-driven strategies.

Superstore Sales Dashboard | Power BI

25-12-2024

- Overview:** Developed an **interactive sales dashboard** using **Power BI**, integrating **Time Series Analysis, Sales Forecasting**, and data visualization to enhance business intelligence.
- Impact:** Provided **valuable insights** that optimized business decision-making, improved sales performance tracking, and enabled accurate revenue forecasting.

Diwali Sales Analysis | Python, Analytical and Visualization Tools

30-10-2024

- Overview:** Conducted **Diwali sales data analysis** using **Python**, employing **Pandas** for data preprocessing and **Seaborn/Matplotlib** for visualization to uncover key sales trends and patterns.
- Impact:** Extracted **actionable insights** that enhanced business decision-making, identified high-performing products, and improved sales strategies through data-driven visualizations.

INTERNSHIP

CELEBAL TECHNOLOGIES | Data Science Intern

03-06-2024 – 03-08-2024

House Price Prediction

- Overview:** Developed a predictive model using **XGBoost Regression** in **Python** to estimate property prices, leveraging advanced machine learning techniques for accurate forecasting.
- Impact:** Improved model reliability by handling **low-quality data** through robust preprocessing techniques. Enabled real estate firms to optimize pricing strategies, reducing valuation errors by **15%** and improving customer trust.

Loan Approval Prediction

- Overview:** Designed a **classification model** using **SVM** to assess loan eligibility based on applicant financial data.
- Impact:** Helped reduce **default risks by 12%** and improved loan processing efficiency by **20%**, leading to better financial risk management for lending institutions.