ASHUTOSH KUMAR SINGH

Deoghar, Jharkhand

📞 +91-9572356087   ✉ ashutoshkrsingh9572@gmail.com   in Ashutosh-kumar-singh2002/   ○ Ashutosh9572

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 , Flask , Excel, Power Bi, SQL
Top Skills: Data Analysis, Data Visualization, Machine Learning , Statistical Analysis , Web Scraping
Soft Skills: Communication, Team-Work, Time Management , Leadership

PROJECTS

Fake News Prediction System ⧉ | Python , Machine Learning , NLP **07-2024 – Current**

- **Overview:** Developed a Fake News Prediction System using Logistic Regression to classify news articles as real or fake. Applied text preprocessing techniques such as normalization, tokenization, and feature extraction to improve model input quality.
- **Impact:** Achieved 97% accuracy on both training and test datasets, enhancing content credibility by enabling reliable fake news detection through Python, scikit-learn, and pandas.

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.

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:** Built a predictive model using **XGBoost Regression** in **Python** to estimate property prices, leveraging machine learning techniques for accurate predictions.
- **Impact:** Achieved **97% R^2** on training data and **91% R^2** on test data, ensuring high prediction accuracy. Improved model reliability by handling low-quality data through preprocessing techniques.

Loan Approval Prediction ⧉

- **Overview:** Designed a **classification model** using **SVM** to assess loan eligibility based on applicant data.
- **Impact:** Achieved **80% accuracy** on training data and **82% accuracy** on test data, improving loan approval decisions through financial and credit analysis.