MOHIT SINGH SISODIA

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Education

B.S.A College Of Engineering & Technology, Mathura, India **2018 - 2022**
- Bachelor's of Technology in Computer Science and Engineering | CGPA: **7.5**

Delhi Public School, Mathura Refinery Nagar, India **2016 - 2018**
- *CBSE(Class XII), Aggregate: 7.6*

Sacred Heart Convent Higher Secondary School, India **2015 - 2016**
- *ICSE(Class X), CGPA: 8.6*

Skills

Python | MySQL | Data Cleaning | EDA | Descriptive Statistics | Statistical Modeling | Predictive Modeling | Data Visualization | Git | Machine Learning | Excel | Power BI | Tableau | Google Analytics | Apache Spark | Hadoop | MongoDB | AWS | Google Cloud Platform (GCP) | Microsoft Azure | Problem-Solving | Communication | Critical Thinking | Data Interpretation | Big Data | Hadoop | Hive

Work Experience

HCLTech | Data Analyst **Aug'22 - Present**
- Analyzed large datasets using **SQL** and **Python** to derive insights, driving data-driven decisions and improving forecasting accuracy by 30%.
- Developed and maintained **Tableau** and **Power BI** dashboards, presenting key performance indicators (KPIs) to stakeholders, and automated routine data reporting tasks, reducing manual effort by 40%.
- Led **data cleaning** and **preprocessing** efforts, increasing data accuracy by 25%, and conducted **exploratory data analysis (EDA)** to identify trends, correlations, and outliers, optimizing business performance.
- Built and deployed **machine learning** models (e.g., **regression**, **classification**) to forecast trends, performed **A/B testing**, and improved customer retention by 15%.

Projects

Myntra Reviews Scrapper Github **Feb'24**

The Myntra Reviews Scraper is a web scraping project to extract customer reviews from Myntra, one of India's leading fashion e-commerce platforms. This project collects product reviews, ratings, and user feedback to help analyze customer sentiments, trends, and preferences.
- Developed a **web scraping tool** using **Python** and **BeautifulSoup** to extract customer reviews, ratings, and feedback from Myntra's platform, automating the data collection process.
- Enabled sentiment analysis on customer reviews, providing valuable insights into product performance, which informed inventory management and marketing strategies.

Sensor Fault Detection Github **Jul'24**

The Sensor Wafer Fault Detection project is designed to identify and classify faulty semiconductor wafers in a manufacturing environment using Python and Machine Learning. By leveraging sensor data, the system predicts whether a wafer is faulty or defect-free, helping manufacturers maintain quality control and reduce production losses.
- Built a **machine learning model** using **Python** and **scikit-learn** to classify defective semiconductor wafers by analyzing sensor data.
- Reduced production losses and improved quality control by accurately identifying faulty wafers early in the manufacturing process, saving costs and enhancing product quality.

Extracurricular Achievements

- **Leadership & Collaboration**: Actively participated in college workshops and technical events, honing teamwork and problem-solving skills while working on projects involving **Python** and **Machine Learning**.

Certifications

- Microsoft Certified: Azure Database Administrator Associate
- Microsoft Certified: Power BI Data Analyst Associate
- Microsoft Certified: Azure Data Scientist Associate