

ASHUTOSH SINGH

Enthusiastic engineering graduate with a strong background in AI and Data Science, eager to contribute to your company's success. I bring practical skills, a problem-solving mindset, and a passion for innovation. Proven ability to work collaboratively in diverse teams, adapt to challenges, and deliver results. Excited to join your team, offer fresh perspectives, and grow professionally. Ready to make meaningful contributions to your projects.

Hard Skills

- SQL (SQL Server, MySQL, SQL Lite)
- Python (Pandas, NumPy, SciPy, Matplotlib)
- Machine Learning (Linear and Logistic regression, SVM)
- Deep Learning (TensorFlow, Keras)
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables, Pivot Chart)
- Microsoft Power BI

Soft Skills

- Leadership
- Teamwork
- Decision Making

Projects

HR-Analytics-Project

November 2023

- Utilized Atliq Hardware dataset in Power BI Dashboard. Analyzed employee activities for April, May, and June 2022.
- Extracted insights on employee leave patterns and remote work tendencies.
- May exhibited a significant increase in remote work, especially on Fridays.
- Emphasized the importance of aligning meeting schedules with data-derived insights.
- Positioned Power BI Dashboard as a dynamic tool for informed decision-making.

Money Heist Dashboard

December 2023

- Created a dashboard with Power BI dashboard for seeing money heist cast and details about each season
- Applied advanced data visualization techniques, including image grids, line chart, tooltip, slicers, buttons, and text boxes, to present complex information in an easily digestible format
- Designed and implemented an intuitive and interactive user interface, leveraging Power BI functionalities for a seamless and engaging user experience.
- Conducted in-depth data analysis of the web series data, translating insights into visually appealing representations that capture the essence of each season and episode.

IPL WIN PREDICTION

February 2022

- IPL match predictor is a ML based prediction approach where the data sets and previous stats are trained in all dimensions
- Factor are Toss, Home Ground, Captains, Favorite Players, Opposition Battle, Previous Stats
- Algorithm used are column transformation, Logistic Regression and by creating pipeline.
- Streamlit was used in the creation of their website.

SPAM CLASSIFICATION

June 2021

- Developed an NLP-based spam classification model using Punkt tokenizer, stopwords removal, lemmatization, and stemming techniques.
- Streamlit was used in the creation of their website.

Internships

DATA SCIENCE INTERN –CODE CLAUSE– WFH

June 2023 – August 2023

- Conducted market analysis, extracting insights for strategic decisions.
- Developed and implemented a churn prediction model, reducing customer attrition.
- Engineered a resume parser using NLP and ML, automating candidate screening.
- Applied data-driven approaches to enhance decision-making and process efficiency.

MACHINE LEARNING INTERN – COINCENT– WFH

October 2021 – December 2021

- Implemented news classification projects, utilizing machine learning techniques for categorizing news articles.
- Spearheaded product classification initiatives, employing data-driven methods to enhance inventory management.
- Applied advanced algorithms to automate the categorization process and improve system efficiency.
- Contributed to accurate content tagging and streamlined decision-making through effective classification models.

Education

BACHELOR OF TECHNOLOGY –KJ Somaiya Institute of Technology–Mumbai

June 2024

Major: Artificial Intelligence and Data Science

Minor: Cyber Security

Academic Courses

- Learn to Code in Python 3: Programming beginner to advanced
- SQL Beginner to Advanced For Data Professionals
- Managing Machine Learning Projects with Google Cloud
- Fundamentals of Artificial Intelligence and Machine Learning
- Machine Learning Specialization
- Deep Learning Specialization

Achievements

- Selected as the finalist for kavach cyber security Hackathon 2023
- Winner of Intech 2k22
- Selected in top 50 team for TSEC Hackathon