Gouravdeep Singh

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SKILLS

- **Programming** | Python, HTML, SQL, CSS
- **Data Visualization** | Tableau, Matplotlib, Seaborn, Power BI
- **Software** | Microsoft Office (Excel, PowerPoint, Word, Outlook)
- **Libraries** | Scikit-Learn, Pandas, NumPy, OpenCV, NLTK, TensorFlow, Keras

EDUCATION

PG Diploma- Artificial Intelligence and Machine Learning May 2022- Present
Lambton College, Toronto

Bachelor of Engineering- Electronics and Communication Engineering 2015-2019
Guru Nanak Dev University, India

WORK EXPERIENCE

Machine Operator, Mondelez International Jan 2023- Present

- Proficiently operated machinery while consistently collecting and monitoring operational data, developing a keen eye for data patterns and anomalies.
- Collaborated effectively with fellow machine operators maintaining smooth workflow, demonstrating strong communication skills.
- Maintained strict adherence to quality control procedures, ensuring that machine output met stringent standards, which translates to precision in data analysis.

Software Developer, Infowiz June 2020- Sep 2021

- Utilized HTML5, CSS3, and JavaScript to develop and maintain responsive websites, optimizing user engagement and driving a remarkable 40% increase in website traffic through content strategies.
- Managed updates and maintenance of existing websites via git to improve user experience and streamline navigation, resulting in a 60% reduction in bounce rates
- Collaborated closely with cross-functional design teams to execute user-centric designs powered by The Bootstrap framework for various clients. This approach yielded a remarkable 70% client satisfaction rate, demonstrating proficiency in time management and data-driven decision-making.

PROJECTS

Fashion Recommendation System May - July 2023

- Developed Fashion recommendation system using Deep Learning CNN architecture, providing users with top 5 similar images with respect to the input
- Utilized pre-trained ResNet model to evaluate the performance of our model and used cosine similarity as basis to calculate similarity score among our recommendations increasing accuracy by 40%
- Leveraged expertise in Data preprocessing techniques to optimize the model by creating vectors of the images to reduce the amount of process time by 70%

Restaurant Recommendation System. Aug - Oct 2022

- Performed EDA(Exploratory Data Analysis) to refine the dataset and visualized using matplotlib
- Converted customer reviews into numerical data using Natural Language Processing(NLP), giving them a score ranging from -1 to 1 where -1 is negative and 1 is for positive reviews respectively
- Executed Recursive feature selection to measure the importance of each predictor with respect to our target and implemented Clustering to give recommendations based on location

Suicide Rate Analysis Jan - Feb 2023

- Conducted data exploration using MySQL figuring out insights like suicides based on age, country
- Visualized the data by building a dashboard using Tableau displaying the number of suicides per age group, generation and country over the years
- Presented the data using a compelling story and applied parameters to gather KPIs with precision