Piyush Goyal

Sri Muktsar Sahib, Punjab - 152026

+91 7710411464 Piyushgoyal833@gmail.com Piyushgoyal01 thepiyushgoyal Portfolio

Summary

Aspiring Data Analyst | Data Scientist
A motivated and detail-oriented fresher with a strong foundation in data science and analytics. Skilled in Python, NLP, machine learning, and visualization tools like Power BI. Experienced in building sentiment analysis models, creating sales dashboards, and hosting image classification projects using Flask and FastAPI. Passionate about leveraging data to derive actionable insights and solve complex problems

Education

Malout Institute of Management and Information Technology **Sep 2021 – Present**
Bachelor of Technology in Computer Science - CGPA: 7.8 *Malout, Punjab*

BMS Public School **Mar 2020 – Mar 2021**
Class 12th in PCM - Percentage: 83% *Muktsar, Punjab*

DAV Public School **Mar 2018 – Feb 2019**
Class 10th - Percentage: 80.4% *Muktsar, Punjab*

Relevant Coursework

- DSA & DAA
- Python
- Machine Learning
- Database Management
- Deep Learning
- OOPS
- Computer Network
- Computer Architecture

Projects

Sentiment Analyzer for Movie Reviews | *NLP, Deep Learning, Python, Fast API* **September 2024**

- Developed a deep learning model using **NLP** techniques with **LSTM** architecture, achieving **92% accuracy** in predicting movie review sentiments.
- Deployed the model via a Fast API for real-time sentiment analysis and seamless user interaction.
- Preprocessed and analyzed over **50000 reviews** data using MS Excel for data cleaning, trend identification, and visualization.
- Optimized performance through iterative tuning, ensuring efficient and accurate sentiment predictions.

Celebrity Image Classifier | *Machine Learning, Python, HTML, CSS, JavaScript* **October 2024**

- Developed a machine learning model to classify images of 5 celebrities achieving **87% accuracy** using Python and popular ML libraries.
- Built an interactive web application with HTML, CSS, and JavaScript to enable users to upload images for real-time predictions.
- Trained the model on a curated dataset of celebrity images, utilizing advanced preprocessing and **feature extraction** techniques.
- Enhanced user experience by integrating responsive design and seamless interaction through a web-based interface.

Blinkit Sales Analysis Dashboard | *Power Bi, SQL* **November 2024**

- Built an interactive Power BI dashboard to analyze Blinkit's sales performance while **using SQL** for data processing.
- Showcased key metrics like **total sales, average sales**, and outlet performance with dynamic filtering options.
- Visualized trends in sales, customer ratings, and product visibility across locations and tiers.
- Enabled data-driven decision-making through actionable insights and intuitive visualizations.

Technical Skills

Languages: Python, C++, HTML/CSS, JavaScript, SQL

Tools/Libraries: Git, VS Code, PowerBI, MySQL, ReactJS, NumPy, Pandas

Frameworks: TensorFlow, Keras, Scikit-learn, GitHub

Soft Skills: Analytical Thinking, Leadership, Problem Solving, Event Management

Publication

Goyal,P, Singh,J and Goyal,A . (2024). Deep Learning: Techniques and Application. 6(11), 1-5. https://www.doi.org/10.56726/IRJMETS63679