NAVJOT SINGH

Data Scientist

9304052232 | nav1914336@gmail.com | https://portfolio-navjot-singh.koyeb.app/ | Ranchi Jharkhand

Summary

Results-driven professional with expertise in Python programming, data science, and machine learning. Demonstrated success in developing innovative solutions such as medicine recommender systems and sales prediction models. Experienced in data analysis and visualization using Power BI and Tableau. Effective communicator and collaborative team member with a strong interest in advancing in artificial intelligence and machine learning.

Education

Chandigarh Group Of Colleges
Bachelor's of Technology | GPA: **8.03** / 10.0 — 2019 - 2023

Sri Agrasen School, CBSE
Higher Secondary | GPA: **6.5** / 10.0 — 2017 - 2019

Guru Nanak Hr. Sec. School, CBSE
Secondary | GPA: **8.4** / 10.0 — 2016 - 2017

Skills

Python, Numpy, Pandas, Data Science, Data Analysis, PSQL, DBMS, Machine Learning (ML), Deep Learning (DL), OOPS, Keras, Tensorflow, Scikit-Learn, Flask, Streamlit, PowerBi, Tableau, Matplotlib, Seaborn, Natural Language Processing (NLP), Git, LLMs, HTML, CSS, JavaScript

Projects

Medicine Recommender System 🔗 — 09/2023 – 11/2023
- Developed a medicine recommender system with an extensive database of 11,000 medicines sourced through web scraping from 1mg.com.
- Implemented collaborative filtering techniques for personalized recommendations. Engineered a highly efficient NLP-based system in Python, achieving a remarkable 95% recommendation accuracy, leading to a potential 70% increase in user engagement.
- Constructed a user interface using Flask, aligning with engineering objectives and requirements.

Future Sales Predictor (Data Science) 🔗 — 02/2023 – 03/2023
- Developed Linear Regression-based sales prediction model with 92% accuracy using advertising costs from various platforms (newspaper, TV, social media).
- Analysed data with Python (Pandas, Scikit-learn) on a 200-sample dataset for model building.
- Provided actionable insights, that can result in a 20% increase in ROI for advertising campaigns and significant sales growth.

Airbnb Business Analysis (Data Analysis) 🔗 — 12/2023 – 02/2024
- Applied advanced analytics to extract key insights from Airbnb listings, showcasing expertise in EDA and visualization.
- Uncovered market trends, host behaviours, and geographical patterns, contributing valuable business insights.
- Executed in-depth correlation analyses and created compelling visualizations, demonstrating a strong skill set in data-driven decision support.

Certifications

Web Scrapping Certification 🔗

Kaggle Certification 🔗

Numerical Programming Certification 🔗

Data Science Training Certification

Achievements

5 Star in Python on Hackerrank 🔗   Expert on Kaggle 🔗   240K Followers on Instagram 🔗

Find Me Online

Linkedin
linkedin.com/in/singh-navjot206

Github
github.com/singhraj2062001

Kaggle
kaggle.com/singhnavjot2062001