



Navjot Singh

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EDUCATION

Bachelor's of Technology Chandigarh Group Of Colleges

2019 - 2023

8.0 CGPA

Education

- Computer Science And Engineering

Higher Secondary Sri Agrasen School, CBSE

2017 - 2019

62%

Education

- Science

Secondary

Guru Nanak Hr. Sec. School, CBSE

2016 - 2017

8.4 CGPA

PROJECTS

Medicine Recommender System

- 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)

- Developed Linear Regression-based sales prediction model with 92% accuracy using advertising costs from various platforms (newspaper, TV, social media).
- Analyzed 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)

- Applied advanced analytics to extract key insights from Airbnb listings, showcasing expertise in EDA and visualization.
- Uncovered market trends, host behaviors, 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.

2022 T20 World Cup Analysis (Power BI)

- Power BI expert, analyzed 2022 T20 World Cup with interactive match statistics and player performance.
- Analyzed performance of each team and different players from various aspects.

SKILLS

PYTHON

NUMPY

MATPLOTLIB

PANDAS

DATA SCIENCE

DATA ANALYSIS

SQL

DBMS

MACHINE LEARNING

SQLITE

OOPS

KERAS

POWER BI

TABLEAU

STREAMLIT

FLASK

SCIKIT-LEARN

MATPLOTLIB

TENSORFLOW

NATURAL LANGUAGE PROCESSING (NLP)

ACHIEVEMENTS

Expert on Kaggle

5 Star in Python, 3 Star in C++ on HackerRank

230K Followers on Instagram

CERTIFICATES

Python Certificate

Kaggle Certification

Data Science Training Certification

AlmaBetter Certification

LANGUAGES

English

Full Professional Proficiency

Punjabi

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Playing Cricket

Gaming

Road Trips

Creating Motivational Posts

Artificial Intelligence

Machine Learning

Exploring Nature