

GAGANDEEP

Bathinda ◊ Punjab 151509

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SUMMARY

With 3.5 years of experience in the Data Science domain and a Master's degree in Computer Science specializing in Artificial Intelligence, I have developed machine learning models for demand forecasting, recommendation systems and classification tasks, utilizing Python and SQL to analyze large datasets. My work has led to significant business impacts, including a twofold increase in sales. Additionally, I have taught data science courses to over 100 students and ranked at the top in the Punjab Police for a Data Analyst role. Passionate about the mathematics behind machine learning, particularly linear algebra and statistics, I am eager to contribute to a dynamic organization that values teamwork and innovation.

TECHNICAL STRENGTHS

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| Computer Languages | Python,R, C++, SQL |
| ML Libraries | Pandas, Numpy, Scikit-Learn, opencv, tensorflow, keras, pytorch |
| Software & Tools | MySql, GIT, Spyder, Django, LATEX |
| Area Of Interest | Machine Learning, Computer Vision, Web Scrapping, Recommender System, |

EXPERIENCE

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| Punjab Police <i>Data Analyst</i> | <i>Mar-2024 - Present</i> |
| Samatrix Consulting Private Limited, Gurugram <i>Team Lead (Data Analyst)</i> | <i>Aug-2022 - Feb-2024</i> |
| National Science Center, Delhi <i>Research Trainee at NSCD Computer Section.</i> | <i>Aug-2019 - Aug-2021</i> |

EDUCATION

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| Central University Of Rajasthan M.Sc Artificial Intelligence Department of Computer Science | <i>2017-19</i> CGPA: 7/10 |
| D.A.V College, Bathinda B.Sc (Comp, Math, Phy) | <i>2014-17</i> Percentage: 65 |

PROJECTS

Recommendation System using collaborative Filtering

- Worked on the famous Netflix Movie Data set.
- applied Similarity-Similarity Method on this Data.
- To remove Cold Start problem applied Content Based Similarity.
- Applied Matrix factorization to complete the user/rating Matrix.

Face Recognition Based Attendance System

- Keep Track of all the Employees/Visitors records
- Who enters and when enters.

IoT Based Intelligent Parking System Using Image Processing

- Objective : Smart Parking System
- used Python and Opencv to extract text from image