RAJAT KAPOOR

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Summary

As a passionate AIML student with expertise in **Python**, Machine Learning, Deep Learning and Natural Language Processing. I specialize in developing various data-driven solutions and managing the complex projects with working knowledge of A.I. I leverage advanced **Machine learning, Deep learning and Basic Statistical Analysis** to help businesses to achieve their objectives. Additionally, I have knowledge of tools like **Tableau and Excel** for insightful visualizations. Along with this **SQL & C++** that enhancing my technical skill set and enabling me to solve problems with a cross-functional approach.

Technical & Soft Skills

Languages: SQL, C++, Python

Tools: Flask, FlutterFlow

Data Visualization: Matplotlib, Seaborn, Advance Excel, Tableau

Framework: Scikit- learn, NLP, Transformer, ML

Soft Skills: Strong Leadership, Critical Thinking & Problem-Solving, Effective Communication, Collaborative Teamwork.

Database Technologies: MySQL

Version Control & Tools: Git, GitHub

Data Processing: EDA, Data wrangling, Feature engineering, Data cleaning, Neural Networking, Basic Statics.

Education

Master of Computer Applications (AI/ML)		**May 2023 – Present**
Chandigarh University, PUNJAB	**| Post Graduation:2025**	**SGPA: 7.6**
Bachelors in Computer Application		**May 2019 – May 2022**
MLSM College Sundernagar, HIMACHAL	**| Graduation: 2023**	**CGPA – 7.96**

Projects

Student Performance Analysis & Prediction System   **| Link_1 - GITHUB**   **May 2024 – Oct 2024**

– Predict **student grades** by using model linear regression, random forest on based of the student performance and other factors.
– Predicting Student performance using AI/ML Techniques & Recommend them right way to increase their performance.

Heart Disease Prediction Using Machine Learning   **| Link_2 – GITHUB**   **April 2024 – July 2024**

– Developed a **Heart Disease Prediction** model using logistic regression decision tree and random forest algorithms, achieving early diagnostics through a Flask-based web app.
– Implemented data preprocessing, feature engineering, and model deployment, enabling real-time patient predictions via a user-friendly interface.

Tableau based COVID19-Dashboard   **| Link_3 - GITHUB**   **Jun 2024 – July 2024**

– This project aims to provide a comprehensive **analysis of COVID-19 case distributions** in India, aiding decision-makers in identifying high-risk areas and understanding recovery trends.

Certifications

Applied Data Science	**| -Coursera IBM**	**| Link - Certificate**	**Year 2024**
IBM Data Science	**| -Coursera IBM**	**| Link - Certificate**	**Year 2024**
IBM Data Analyst	**| -Coursera IBM**	**| Link - Certificate**	**Year 2024**
Business intelligence and data analytics	**|-Coursera Macquarie University**	**| Link - Certificate**	**Year 2024**
Python 3 Programming	**|-Coursera**	**| Link - Certificate**	**Year 2023**

Virtual-Internship

Data Science Intern   **| Sudaku CodeClause Pvt Ltd.**   **Jun 2024 – Jul 2024**

– Developed & implemented machine learning models to address complex business problems, gaining hands-on experience by working on the project Fraud Transaction Detection.

Self-Declaration

I hereby declare that all the information provided in this resume is true and accurate to the best of my knowledge.

I am fully responsible for the correctness of the details mentioned above| **RAJAT KAPOOR |**.