


# Amanpreet Singh

Data Scientist and Machine Learning Engineer

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## EDUCATION

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### Doaba Public Sen. Sec School

10 th (CBSE) - 8.80

2019 - 2020

12 th (CBSE) - 7.45

2021 - 2022

### Sardar Beant Singh State University

B.Tech in computer science and engineering - 7.0

2022 - 2026

## PROJECTS

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### California House Price Prediction

june2025 - August2025

California House Price Prediction project that applies machine-learning techniques to forecast median home values across California. Includes full data pipeline with cleaning, feature engineering, and exploratory analysis; model development and tuning with algorithms such as linear regression, random forest, and gradient boosting; and deployment as an interactive Streamlit web app for real-time price predictions.

### Face Recognition System

june2025 - july2025

Face Recognition-Based Student Attendance System project that automates classroom attendance using computer vision and machine learning. Includes dataset creation and preprocessing, face detection and encoding with OpenCV real-time recognition through webcam and secure attendance.

### Heart Disease Prediction

August2025 - August2025

### Salary-Prediction-Project

june2024 - july2024

### IPL-Win-Predictor

june2024 - july2024

## SKILLS

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- Programming Languages: C, C++, Java, JavaScript, Python
- Data Analysis & Manipulation: NumPy, Pandas
- Data Visualization: Matplotlib, Seaborn, Streamlit
- Machine Learning Libraries: scikit-learn, Keras
- Concepts: Supervised & Unsupervised Learning, Model Evaluation, Neural Networks, Data Preprocessing
- Web Technologies: HTML, CSS, JavaScript (Basics)
- Database: MySQL
- Tools: Jupyter Notebook, Google Colab, VS Code, Git, GitHub

## CERTIFICATE

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### COMPLETE 2025 PYTHON BOOTCAMP: LEARN PYTHON FROM SCRATCH

The Ultimate Job Ready Data Science Course 

## AWARD

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Deloitte Australia - Data Analytics Job Simulation

Deloitte Australia - Technology Job Simulation