



## Saransh Saini

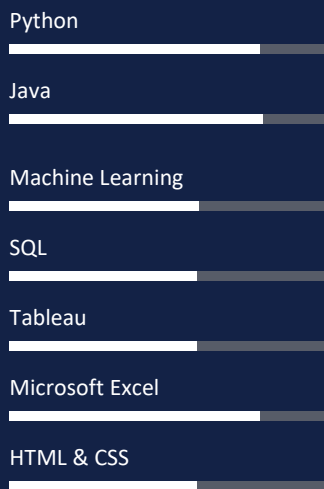
### Details

Delhi, India  
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### Links

[LinkedIn](#)  
[YouTube Channel](#)

### Skills



### Languages



### Hobbies

Teaching, Martial Arts

### Profile

I am a Hardworking College Student. I am skilled in the field of Data Science and Machine Learning and have quite a passion for teaching. I have worked on quite a number of projects, which have been enhancing my knowledge and skills in the field. Also, I teach concepts related to Data Science on my YouTube channel – *Data ki Science*

### Education

**BS in Data Science and Application, Indian Institute of Technology, Madras**  
DECEMBER 2021 — PRESENT

Currently enrolled in a 4-year Online BS Degree in Data Science and Application program at IIT Madras.

**B.Sc. Data Analytics, Delhi Skill and Entrepreneurship University, Delhi**  
DECEMBER 2021 — PRESENT

Currently enrolled in B.Sc. Degree in Data Analytics program at Delhi Skill and Entrepreneurship University

**CBSE 12th Board, Vikas Bharati Public School, Delhi**  
APRIL 2020 — APRIL 2021

Passed CBSE 12th Board with 88.4% marks in the PCM stream.

### Online Courses

**Android Application Development using Java, CodeWithHarry**  
APRIL 2023 — MAY 2023

**Complete Java Programming Course, CodeWithHarry**  
FEBRUARY 2023 — APRIL 2023

**Data Science and Machine Learning, 365 Data Science**  
JUNE 2021 — PRESENT

### Extra-curricular activities

**Udemy Course on DSA**  
MAY 2023

Currently I am working on creating a course on Udemy where I teach about how to code a Data Structure and Algorithm library from scratch, having almost all the existing DSA algorithms.

**Code in Place Section Leader**  
MAY 2023

I volunteered as a Section Leader in The Stanford University's course named **Code in Place**. It is a course spanning 6 weeks of learning into programming. I was allotted a section of 16 students, from all over the world, to teach Python programming language.

## Educational YouTube channel

I have a YouTube channel where I teach concepts of Data Science which includes Programming Languages like Python, SQL and Machine Learning concepts as well. I believe that teaching is the best form of learning.

## Code Spardha at Delhi Skill and Entrepreneurship University, Delhi

JANUARY 2023 & MAY 2022

Lead the organizing team of an Online Coding Competition named "Code Spardha" on 28th May 2022 and it's second instalment on 7 January 2023. 300+ participants from all over Delhi participated in the competition.

## Completed and Ongoing Projects

### Music Player Android Application

COMPLETED

I created a music player android application using the knowledge I gained from the course I did. It turned out to be pretty beautiful, but definitely needs polishing.

### Scratch Coding Machine Learning Algorithms

COMPLETED

I scratch coded some popular ML algorithms like Linear and Logistic Regression, K-Means, KNN, PCA, LDA, SVD, Naïve Bayes, etc.

### Zomato Database Analysis

COMPLETED

It was a team project given to us as a semester project. We were given a dataset of 200K rows and were asked to answer some questions based on the analysis we did. The project included Data Analysis, Visualisation and Machine Learning techniques to achieve some great results which our teachers appreciated.

### Mental Health Data Analysis and GUI Application

COMPLETED

This was another one of the team projects. Here we had to collect data on mental health issues and what leads to it. My role was to create a ML model using the data collected and then construct a GUI application that can predict your mental status to a certain accuracy.

### The Fitting of 6 Models

COMPLETED

This is one of my favourites. Here I had to perform classification a dataset using 6 different ML algorithms Logistic Regression, KNN Classifier, KNN Regressor, SVM, Decision Tree, Random Forest.

### Garbage Detection Hackathon Project

COMPLETED

Me along with my partner tried to create a garbage detection and segregation model in a Hackathon Project. Though we didn't win the competition but the experience was worth it.

### Devanagari Handwriting Matching Model

ONGOING

I am currently working on a model that can identify the similarity in handwriting of a person in Devanagari script. This project is also for a competition that is going to take place in June 2023

### **Scratch Coding a DSA Library**

ONGOING

I am scratch coding a DSA Library to enhance my programming skills and DSA aptitude. Also, I wish to create a Udemy course on this.

### **Sign Language Detection Model**

ONGOING

This is a team project given to us as a semester project. Here we are trying to develop a sophisticated model that can detect sign language visually and then using NLP translate it to meaning full conversation.

### **App Development Project, IITM**

ONGOING

This project is part of IIT Madras's BS degree in Data Science and Programming program. This is a solo semester project aimed to test our knowledge on App Development.

### **Declaration**

"I hereby declare that the above particulars of facts and information stated are true, correct and complete to the best of my belief and knowledge."

Saransh Saini

**Date:** 23 May 2023

**Signature**