



# Karan Mehra

## Data Science Practitioner



Pursuing MCA from LPU with Machine Learning specialization. I am a data science practitioner who loves to uncover hidden facts and meaningful insight from messy data. Served at Straight IP information as a Research Analyst and having a year of total experience. I've done a number of internships as a data scientist and in machine learning where I learn building effective Machine Learning models, Running data pipelines and Deploying solutions to the cloud.

## Contacts



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## Education



Lovely professional University  
2021-2023 Master in Computer Applications



Lovely professional University  
2018-2021 Bachelor in Computer Applications

## Skills

- Exploratory data analysis: Python Pandas, Machine learning, NLP, CV, and other ML libraries.
- Statistical analysis, Descriptive statistics, Hypothesis testing, ANOVA, Curve fitting, Regression analysis, SPSS
- Model deployment using Heroku, Flask, Github
- Web development using Bootstrap, Wordpress, Adobe XD
- Familiar with Redhat Linux, Rapid miner, Microsoft Azure, AWS, Cloudera, Hive, Map reduce, Cisco packet tracer and CRM tool, SQL, Excel, Tableau, Webharvy.

## Experience

July 2021 - December 2021  
**Strategic IP Information pvt.ltd**

Research Analyst

As a Research Analyst, Monitoring and takedown unauthorized listings for clients from different social media and marketplace platforms, Built models, and Summarized monthly Data using Excel, and Power Bi.

Feb 2021 - March 2021  
**KPMG Virtual Internship**

Data Analyst

As a Data analyst, Developing a dashboard and Summarizing the data with exploratory data analysis, model deployment, and interpretation. Data Quality Assessment, Data Insights, Presentation.

July 2021 - August 2021  
**Accenture**

Developer program

As a Developer, Define technical requirements Design changes to an existing architecture Scale on-premise system infrastructure to the cloud Reading and understanding code Attention to detail Debugging algorithms Unit testing User Acceptance Testing - UAT Security maturity assessment IAM policies and permissions Securing the software development lifecycle (SDLC) Shaping the Problem Data and privacy

Dec 2020 - Jan 2021  
**The Sparks Foundation**

Data scientist

As Data Scientists, Predict using supervised/unsupervised learning models. Created a hybrid model for stock price/performance prediction using numerical analysis of historical stock prices, and Sentiment analysis of news headlines. Stock to analyze and predict - SENSEX (S&P BSE SENSEX)

## Project

### Capstone Machine Learning project

- Website deals with the health sector predicting 7 diseases on an early basis.  
**Technical Aspects:** Train the dataset using various Machine Learning techniques integrated it with Front-End using Bootstrap and Streamlit library and Deploy it using Flask, GitHub, and Heroku.  
**Key Responsibilities:** Data gathering from Kaggle, Data cleaning, Exploratory
- data analysis, Pre-processing, Model selection, Bootstrap layout, Integrating model with front-end, Deployment.