Karan Mehra
Data Science Practitioner

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Portfolio

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 alalysis, 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.

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.

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.