KARAN MEHRA

Data Science Practitioner

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ACADEMIC QUALIFICATIONS

Year	Degree/Exam	University/ Board	CGPA
2019	BCA	Lovely Professional University, Phagwara	7.4
2018	XII	ST.Soldier Collegiate School, Jalandhar	5.4
2016	X	Dayanand Model School, Jalandhar.	6.0

INTERNSHIPS

The Sparks Foundation Intern 2021 (Data Science and Business Analyst) [link]

- Using Python Pandas, Matplotlib, Seaborn, Sklearn libraries, predicted supervised/unsupervised learning with the accuracy of 93%.
- Created a decision tree classifier, purpose is if we feed any new data to this classifier, it would be able to predict the right class accordingly.
- Created a hybrid model for stock price/performance prediction using numerical analysis of historical stock prices, and sentimental analysis of news headlines. Stock to analyse and predict - SENSEX (S&P BSE SENSEX).

KPMG Intern 2021 [link]

- Developing a dashboard summarising the data with exploratory data analysis, model deployment and interpretation.
- Data Quality Assessment, Data Insights, Data Insights and Presentation.

PROJECTS

Capstone project: Currently working on a capstone project which deals with the health sector predicting various diseases on an early basis.

- **Technical Aspects**: Train the dataset as **Machine Learning** model using spot vector machine, linear regression, logistic regression and integrated it with **Front-End** using bootstrap and streamlit libraries and **deploying** it using flask, github and heroku.
- **Key Responsibilities:** Data gathering**,** Data cleaning**,** Exploratory data analysis**,** Pre-processing**,** Model creation**,** Session based front-end**,** Bootstrap layout, Integrating model with front-end**,** Deployment.

TECHNICAL SKILLS

- **Front-End** – HTML, CSS, bootstrap
- **Data Analysis** – Python pandas
- **Data Visualization** – Matplotlib, seaborn, plotly, streamlit
- **Familiar with** – Feature selection, flask, data gathering techniques
- **Learnings** – Visulization techniques, model security and communication skills.