

KARAN MEHRA

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Portfolio: karanmehra7107.github.io/My-Portfolio/index

ACADEMIC QUALIFICATIONS

| Year | Degree/Exam | University/ Board | CGPA |
|------|-------------|------------------------------------------|------|
| 2019 | BCA | Lovely Professional University, Phagwara | 6.51 |
| 2018 | XII | ST.Soldier Collegiate School, Jalandhar | 5.4 |
| 2016 | X | Dayanand Model School, Jalandhar. | 5.7 |

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 (Data Analyst) [\[link\]](#)

- 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 using various Machine Learning techniques integrated it with Front-End using **bootstrap** and **streamlit** libraries and deploying 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.

TECHNICAL SKILLS

- **Front-End** – HTML, CSS, Bootstrap
- **Data Analysis** – Python pandas, Excel
- **Familiar with** – Excel, Jupyter notebook
- **Learnings** – Visualization techniques, python libraries, machine learning, communication skills.