# KARAN MEHRA

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## OBJECTIVE

Graduated from LPU in computer application stream. Im a data analysis practitioner who love to uncover hidden facts and meaning insight from messy data. Ive done numbers of internships as data analyst and familiar with bootstrap, excel vba macros, sql, tableu, python for data analysis And i love to keep myself busy in learning the advance excel vba macros, dynamic dashboarding and some freelancing project during weekends. My aim is to obtain an entry-level position at a respected organization and utilize the educational qualifications I've obtained at Lovely Professional University.

## EXPERIENCE

- **The Sparks Foundation**
  *Dec 2020 - Jan 2021*
  Data scientist intern
  The Sparks Foundation Internship  2020
  - Predicted using supervised/unsupervised learning models
  - 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**
  *Feb 2021 - March 2021*
  Data analyst intern
  KPMG Virtual Internship 2021
  - Developing a dashboard summarising the data with exploratory data analysis, model deployment and interpretation.
  - Data Quality Assessment, Data Insights, Presentation.

- **Accenture**
  *June 2021 - July 2021*
  Developer program
  - Define technical requirements, Design changes to an existing architecture, Scaleon-premise system infrastructure to the cloud, Reading and understanding code Attentiontodetail.
  - Debugging algorithms, Unittesting User acceptance, Testing-UAT Security maturity assessment, IAM policies and permissions.
  - Securing the software development lifecycle (SDLC), Shaping the Problem Data and privacy

- **Accenture**
  *June 2021 - July 2021*
  Consultant program
  - Set project priorities assemblea plan user journey redesign outcomes analysis fix the errors.

## EDUCATION

- **Lovely Professional University**
  *2018-2021*
  BCA

## SKILLS

- Data analysis using Python pandas and libraries
- Front-End web development using Bootstrap
- Project / Model deployment using Heroku, Flask, Github

- Familiar with SQL, Excel VBA, Excel Marcos, Tableu

## PROJECTS

- **Capstone Machine Learning project**
  - A project which 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 librarie 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.
- **Advance Excel automated data entry**
  Created a data entry form based on User Form in Excel. Utilize the Excel sheet as database and User Form to enter the data and transfer it to Database sheet. Preparing table for database adding module for function and procedure, Declaring variables and using them
  - Creating and designing User Form in Excel
  - Understanding the properties and methods of Textbox, Label, Frame, CommandButton, Combobox and Userform
  - Creating Validation function with return type
  - Creating Sub Procedure to handle Add, Search, Edit, Delete and Reset
  - Debugging and compiling the code
  - Testing the application

## ACHIEVEMENTS & AWARDS

- Certified Python for data science from Kaggle 2021
- KPMG virtual internship acknowledgement as analyst 2021
- The Sparks foundation virtual internship acknowledgement as data scientist 2021
- Community development analysis project acknowledgement 2019

## LANGUAGE

- English, Hindi, Punjabi

## SOFT SKILLS

- Collaborate with a team of 4 to survey and analysis the education system in rural areas nearby LPU campus
- Communicate with the doctors and faculty members, updating them about the integration of UI/UX with machine learning
- Lead a team of 4, guiding them towards the development phase for the machine learning capstone project

## PERSONAL VITAE

- Date of Birth: Oct 28, 1997
- Nationality: Indian
- Gender: Male
- Permanent Address: Jalandhar, Punjab