KARAN MEHRA

ABOUT ME

Passionate for a full-time role in Data Science, Machine Learning, Data Analysis or related field. Persuing Bechlors of Computer Application @Lovely_Professional_University, Hail and grew up in Jalandhar (Punjab), I'm a Data Science Practitioner who loves to uncover the hidden facts and meaningful insights from messy data. I'm Machine learning & Deep learning with Python and R Cerified from Udemy where I learned building effective Machine Learning Model, running Data Pipelines, Natural Language Processing, Image Processing, building Recommendation Systems, and deploying solutions to the cloud. I worked at Project Data Analyst IPL-score-prediction , where my primary task was to analyze the dataset and deploy the trained model as front-end. Personally, I believe in the thought that "Time is the gift that most of us take for granted". I love to keep myself busy in gaining new skills and doing freelancing projects on the weekends. Apart from that, i am a playback Drummer. I am working towards a role where I can engage with a group of like-minded people who dream to bring revolution in the world with data.

EXPERIENCE

- Improved data mining processes, resulting in a 20% decrease in time needed to infer insights from data used to develop marketing strategies in Kaggle
- Used predictive analytics such as machine learning and data mining techniques to forecast company sales of new products with a 95% accuracy rate
- Increased data security by updating companywide encryption, steganography, IP security, and secure wireless transmission practices
- Developed ETS for data sources used for reporting by sales, inventory, and marketing departments

PROJECTS

IPL-Score-Prediction   June-2020 _july-2020

- A simple linear regression classification Flask trained app of Machine Leaning (ML). The trained model takes the Inputs from user and predict the First five innings score from Batting team**, **Bowling team**, **Overs**, **Runs**, **Wickets **,**Run in previous five overs**, **Overs in previous five overs denomination and Predict the score with accuracy rate of 80.67.
- This repository consists of files required to deploy a Machine Learning Web App at with Flask and Heroku platform.
- Deployed the Machine Learning Model with Heroku and Flask back-end and secure app with CSRF protection.
  [demo] [video] [code]

Community Development Analysis   july-2019

- Under Raja Human Rights Foundation, Our team created a large scale awareness system to track Social Networks of village people by collecting the data from rural areas of Jalandhar.
- Role: Team Leader
- Analysis result to make improvement in the social network of people (students) on Social networking platform which is improver by 31% spot rate went up by 25% in rural areas of Jalandhar
  [achievement]

Front-end Interface   March-2020

- Deployed responsive Front-end interface using HTML, JavaScript, CSS.
- Tool used: AdobeXD, Vscode, Sublime text.
  [video1][video2][code]

CONTACT

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SKILLS

Languages
Python
HTML

Frameworks & Tools
Excel

EDUCATION

BECHLORS OF COMPUTER APPLICATIONS

Lovely Professional University, Jalandhar (2018–2021 persuing)

Achievements / Publications

Community Development analysis project
Under Raja Human Rights Foundation, Jalandhar

(july-2019)   [achievement]

Full stack MERN Web App
LCO Under the supervision of Hitesh Choudhary created a full stack application.
(june-2020)   [Certificate]

Machine Learning & Deep Learning with Python ,R
Course completion from Udemy
(july-2020)   [Certificate]