# K V Raviteja Sagar

## Data Analyst

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## SUMMARY

Highly motivated and detailed-oriented passionate about using data to improve business performance and customer experience. Skilled at leveraging data to develop actionable solutions to business challenges and utilizing data mining and data visualization to create meaningful insights. Excellent technical aptitude and knowledge of python programming language (including OOP concepts), SQL, data analytics and data visualization. Hardworking and passionate job seeker with strong organizational skills eager to secure entry-level Data-Analyst position.

## PROJECTS

1) "**Historical Stock/Revenue Data analysis and visualization**" - 2024
   - Utilized yfinance, requests libraries to scrape historical stock market data of Tesla and Gamestop companies.
   - Performed the data preprocessing by handling the missing and null values then utilized EDA methods.
   - Developed visualizations and drawing the meaningful insights in which Tesla has a drastic increase in generating revenue from 5000 to more than 10000 million US dollars just after 2019. Whereas Gamestop company has a decrease in revenue generation from 3000 to 1000 million US dollars.

2) "**Analysis of Pre-Owned Motorcycles on Bikewale**" – 2024
   - Data is collected from Bikewale website using selenium and requests libraries. Then used BeautifulSoup library to get raw data.
   - Then converted to structured data of size 9531 samples with 10 features. After EDA, with Data visualization tools, we got insights like overall popular used bikes are Bajaj, Honda and Royal Enfield with counts of 1389, 1287 and 1147 respectively.
   - But city wise Royal Enfield has the most dominated sales in Mumbai, Bangalore, Delhi and Chennai with count of 289, 231, 230 and 159 respectively.

3) "**IPL Deliveries Data Analysis with Pandas**" – 2024
   - Taken all IPL deliveries data from Kaggle up to 2017. Then Applied EDA to get various insights using numpy and pandas libraries.
   - We got insights like maximum runs in an over in entire IPL is 37 scored by Chris Gayle from RCB.
   - Also, we got each player and team performances, for example V Kohli performance in IPL – out of 169 matches total score – 5434 from 4211 balls with strike rate of 129.04, average score – 32.25, highest score 113, 5 hundreds, 38 fifties, 482 fours and 191 sixes.

4) Master thesis on "**Land Use Land Cover Change Analysis for Ridge to Valley Context using Segmentation Based Assisted Approach**" at JNTU Hyderabad - 2019
   - This study used ArcGIS desktop and eCognition developer software. A sub watershed of Bhalki taluk, Karnataka state is taken as the study area having an area of 84.23 sqkm.
   - For classification, Object Based Image Analysis method is used. Used MS Excel for comparison and better understanding of data.
   - This study shows how much land is converted into agricultural lands or how much land is changed to urban areas and water bodies etc. For example, 88.4% is covered with agricultural lands.

## EDUCATION

**Masters of Technology –** 7.2 CGPA
*Jawaharlal Nehru Technological University - Hyderabad, India*                    Jan 2024

**Bachelor of Technology –** 6.87 CGPA
*Institute of Aeronautical Engineering - Dundigal, Hyderabad*                    Jun 2017

## SKILLS

- **Python:** Turtle, Tkinter, Pandas, NumPy, Requests, Beautifulsoup, Yfinance, Sqlite3, Scikit-learn, Folium, Selenium, SMTP.
- **Database Management:** SQL, MySQL.
- **Data Visualization:** Python libraries (matplotlib, seaborn, Plotly, Dash), Power BI, MS-Excel.
- **Machine Learning:** Scikit-learn, Preprocessing, Linear Regression, KNN, Decision Tree.
- **Code Editors:** PyCharm, VScode, Thonny, Jupiter Notebook, Google Colab.
- **Additional skills:** Insight generation, Analytical ability, Logical reasoning, Mathematical Statistics.

## CERTIFICATIONS

- Data Analysis with Python – Innomatics Research Labs                    Oct 2024
- Data Visualization with Python – IBM                    Oct 2024
- Databases and SQL for Data Science with Python – IBM                    Apr 2024
- GATE-17 qualified with 89.7 percentile                    Feb 2017