

# HARSHAL PANCHAL

College Student

Thorough and meticulous Data Analyst passionate about helping businesses succeed. Former small business owner & Freelancer. Possessing strong technical skills rooted in substantial training as an IT engineer.

## SKILLS

- Ability to learn fast
- SQL
- Python
- NumPy, Pandas
- Matplotlib
- Seaborn
- Webscraping
- R
- Tableau
- GitHub
- Advanced Microsoft Excel functions
- Pattern, trend & KPI identification
- Relational databases (MySQL)
- Data mining & Data QA
- Problem-solving & troubleshooting
- Critical Thinking

## WORK EXPERIENCE

### K- Pads

Data Analysis & Marketing Designs

Dec 2020

- Developed Key Performance Indicators to monitor sales and decreased marketing expenses by 17%.
- Decreased CPM by 4.7% by identifying & eliminating certain audience use cases.
- Worked closely with the company's product manager to identify customer needs and demands.
- Proposed solutions to improve Marketing designs, leading to a 15% upsurge in CTR.

## PROJECTS

### Yahoo.finance Webscraping Project

Python- bs4, BeautifulSoup | Sept 2021

- Used Ticker function & BeautifulSoup library to extract stock data of TSLA, GME & GameStop.
- Extracted data & transformed it to fit in pandas dataframe.
- Visualized TSLA, GME & GameStop stock data using matplotlib library.

### Twitter Sentimental Analysis with Natural Language Processing Project

Python- TextBlob, tweepy, NLTK | Jan 2022

- Used OAuth & tweepy to make connection with twitter. Also, Collected tweets in Json file.
- Performed preprocessing & Tokenizing the tweets.
- Calculated Polarity & classified tweets according to it's nature using TextBlob.

### Data Wrangling of Automobile dataset

Python - NumPy, Pandas, Matplotlib | Oct 2021

- Handled missing & dirty data
- Corrected Unformatted data & Standardized data.
- Normalised the data for further analysis.

More projects on GitHub.

## EDUCATION HIGHLIGHTS

### Google

Professional Certification in Data Analytics | 2020 - 2021

- Core skills: R, Excel, SQL, Tableau
- Other Skills: Asking Right Questions, Data Wrangling, Data Transformation, Effective Communications with stakeholders, building & documenting data cleaning process, Using & implementing Visualization & story telling techniques to effectively communicate the findings from data.
- Completed 8 Courses with average Grade 95+

### IBM

Professional Certification in Data Science | 2020 - Present

- Core skills: Python, SQL, GitHub, Tableau, Spreadsheets
- Other Skills: EDA in Python, Advance SQL for data engineering, Machine Learning Models, Model evaluation, Various Machine Learning Algorithms, Data Analysis & cleaning in python, Webscraping, Data visualisation for model evaluation & finding patterns & trends.
- Completed 3 projects in Webscraping, data analysis & visualisations
- Average Grade 93+

### SVBIT

Bachelor's in Information technology | 2018 - Present

- Major in : Data Analysis, Machine Learning & Data Visualisation.
- Won Student of the Year Award (2019)
- 100% Merit Based Scholar
- CGPA: 9.17

### Hillwoods School

Higher Secondary Education | 2016- 2018

- 12th Class: 87.8% (in Top 6% students in India)
- 10th Class: 8.8 CGPA