Harsh Shirke

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SUMMARY

Recent Bachelor of Engineering (BE) graduate in Computer Engineering with strong skills in data analysis, reporting, and visualization. Experienced in importing, cleaning, transforming, validating, and modeling datasets to derive actionable insights. Proficient in Python, SQL, Excel, and Power BI, with a solid understanding of business objectives and stakeholder needs. Adept at creating interactive dashboards, charts, and reports to support decision-making and drive business growth.

EDUCATION

· Pillai HOC College of Engineering and Technology, Rasayani	*CGPA: 8.25*
B.E in Computer Engineering	2021-25
· J.N.V. Raigad, Nizampur, Mangaon	*Percentage: 91.4*
HSC	2020-21
· J.N.V. Raigad, Nizampur, Mangaon	*Percentage: 93.6*
SSC	2018-19

TECHNICAL SKILLS

- **Programming & Tools:** Python, C, JavaScript, HTML+CSS, SQL, Power BI, MS Office, Excel
- **Data Analytics:** Data Cleaning, Data Transformation, Data Validation, Data Visualization, Reporting
- **Soft Skills:** Problem Solving, Critical Thinking, Business Acumen, Self-learning

PERSONAL PROJECTS

Top Instagram Influencers Data Analysis — *June 2023*

- Conducted end-to-end data analysis on Instagram influencer metrics to understand engagement and influence patterns.
- Cleaned and preprocessed large datasets, engineered new features, and visualized trends across countries and engagement rates.
- Built Random Forest Regressor to predict influence scores and Random Forest Classifier to categorize engagement levels.
- Achieved high accuracy in classification and identified top features affecting influencer impact.
  Technologies Used: *Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, CSV Data Processing*

Green Destination Attrition Analysis — *April 2023*

- Analyzed employee attrition patterns to identify factors influencing retention at Green Destination.
- Explored relationships between attrition, age, years at company, and income through statistical and visual analysis.
- Conducted correlation analysis to determine significant predictors of employee turnover.
  Technology Used: *Python, Pandas, Matplotlib, Seaborn, CSV Data Processing*

Feared Stock Analysis — *Feb 2025*

- Conducted data analysis on merged trader performance and Fear-Greed Index datasets.
- Performed data cleaning, transformation, and visualization using Python, Pandas, Seaborn, and Matplotlib.
- Analyzed sentiment distribution, PnL trends, and relationship between market sentiment and trader outcomes.
- Discovered varying performance patterns under different sentiment conditions (e.g., higher volatility during "Greed").
- Computed correlation between Fear-Greed Index value and Closed PnL, finding minimal linear dependency.
  Technology Used: *Python, Pandas, Matplotlib, Seaborn, Google Colab, CSV Data Processing.*

CERTIFICATES

- Basic of python programming, OpenWeaver [May 03, 2023]
- Basic of Java programming, OpenWeaver [Feb 1, 2023]
- Data Analyst, Udemy [Feb 23, 2025]

LANGUAGES

- English
- Hindi
- Marathi

HOBBIES

- Travelling   -Cooking
- Listening to Music   -Reading