SUDHARANI HADALAGI

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EDUCATION

KLS GOGTE COLLEGE OF COMMERCE — *Sep 2022 - June2025*
Bachelor of Computer Application — *Belagavi,Karnataka*
CGPA: 8.6
Coursework: Data Structure, DBMS,OOPS Concepts ,Web Technologies, Data Analytics

TECHNICAL SKILLS

Programming Languages: Python ,SQL, R, Excel
Data Visualization: Tableau, Power BI, Matplotlib, Seaborn, Plotly
Data science Libraries: Pandas, NumPy, scikit-learn
Business Intelligence: ETL processes, Data modeling, KPI development, Dashboard creation
Tools and Technologies : GIT, Jupyter Notebook, VS Code

PROJECT

Clustering Travel Destination based on User Preferences | *Python, Scikit-learn, Matplotlib*

- Designed a data-driven clustering system to group travel destinations by user preferences, enabling personalized recommendations for different travelers types.
- Cleaned and analyzed 1,000+ trip records, handled missing data, engineered features like seasonality ,duration, cost and group size and encoded categorical fields for analysis.
- Implemented and optimized the K-means algorithm using the Elbow Method and Silhouette Score ,improving cluster accuracy and interpretability by 20%.
- Visualized key patterns with Matplotlib, uncovering insights that helped identify traveler segments such as budget explorers, family vacationers, and business travelers.

Global startup Unicorns Data Visualization | *Tableau,Excel*

- Designed and developed an interactive Tableau dashboard analyzing 1,000+ global unicorn startups - visualized valuation, funding and industry growth for strategic insights.
- Cleaned and standardized datasets in Excel ensuring accurate company region, and valuation data to support reliable analytics and reporting.
- Applied data storytelling and KPI visualization techniques, improving investor decision-making clarity by 30% through simplified insights and visual trends.

WORK EXPERIENCE

Data Science Intern — *Dec 2024-Jan2025*
Xcel Corp — *Belagavi,Karnataka*

- Built and optimized machine learning models(regression ,classification, clustering) using Python, Pandas and Scikit-learn on 1,000+ record datasets to improve prediction accuracy.
- Automated data preprocessing-handled missing values, feature scaling, and encoding -reducing manual effort by 30% and enhancing dataset quality.
- Conducted EDA and visualizations (Matplotlib and Seaborn) and presented insights with K-Means, Hierarchical and DBSCAN clustering to support data-driven business decisions.

CERTIFICATIONS

- Foundation of data science - Google[Coursera] | *Link* — *May 2024*
- Get started with Python - Google[Coursera] | *Link* — *July 2024*