SHAM SAVVASHER

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SUMMARY

BCA graduate with 9 months of internship experience in data science, skilled in Python, SQL, Power BI, and machine learning for building predictive models and dashboards that deliver actionable business insights

EDUCATION

Bachelor of Computer Application(BCA)   *2021-2024*
IBMR College, Hubli | CGPA: 8/10

TECHNICAL SKILLS

- Statistics | SQL(MYSQL) | Adv-Excel | Data Visualization | Power BI | ETL | Data Mining | A/B Testing | Jupyter Notebook
- Python | NumPy | Pandas | scikit-Learn | Matplotlib | Seaborn | NLP | Machine Learning | Snowflake | Jira | Git | AWS| VS Code

WORK EXPERIENCE

Data Science Intern – Feynn Labs   *MAY-2025-JUL-2025*

Summary:
Conducted in-depth analysis of India's electric vehicle market at Feynn Labs, using Python and machine learning (PCA, clustering) to segment consumers based on travel behavior, enabling data-driven insights for strategic market positioning.

AI-Powered Educational Assistant (R&D Project)
- Researched and prototyped an AI tutor for kids (4–10) using voice interaction and real-time animated lessons.
- Integrated GPT-4, Whisper API, and Manim to deliver age-appropriate, gamified learning experiences.

EV Market Segment Analysis
- Consumer Travel Motive Segmentation using PCA and Clustering Techniques
- Analyzed EV market trends across India using Python (Pandas, Seaborn, Plotly).

Data Science Intern – Ai Variant   *Feb 2025 – Jul 2025*

- Developed strong expertise in data analysis with a deep understanding of business problems.
- Performed data cleaning, preprocessing, and exploratory data analysis (EDA) to uncover key insights.
- Built and evaluated predictive models using machine learning algorithms, ensuring optimal performance and clear documentation.
- Gained hands-on experience with Python, Pandas, NumPy, Scikit-learn, and data visualization libraries.

PROJECTS

End-to-End Real Estate Data Science Application

- Developed an End-to-End Real Estate Data Science Application with data collection, cleaning, and feature engineering.
- Performed EDA and built regression models for accurate price prediction.
- Designed an interactive analytics dashboard and recommender system for property insights.
- Deployed the application using Streamlit and AWS for scalability and accessibility

Book Recommendation System

- Built a Book Recommendation System using collaborative filtering (KNN), cosine similarity, and NLP techniques, boosting engagement by 30% and reducing irrelevant suggestions by 25%

Marketing Customer Segmentation

- Cleaned and preprocessed customer data, ensuring high-quality inputs for analysis.
- Conducted EDA with 20+ visualizations and engineered key features (Age, Spending, Children) to improve segmentation by 25%.
- Applied K-Means clustering (k=4), achieving a 15% higher silhouette score for better customer grouping.
- Deployed a Streamlit app for real-time customer profiling, enabling 30% more effective targeted marketing campaigns.

Bank Loan Analysis Dashboard

- Built 3 interactive dashboards to monitor key loan performance indicators and track high-risk borrower segments.
- Analyzed data using 25+ SQL queries, identifying insights like a 12% higher DTI among defaulted loans.
- Visualized seasonal trends and recommended strategies, including an 8% reduction in bad loans.

CERTIFICATIONS

Data Science Certification – ExcelR   *June 2025*
Data Science Internship Certificate – Ai Variant
Data Science Internship Certificate – Feynn Labs

PERSONAL DETAILS

Date of Birth: 20th June 2003.
Languages Known: English, Kannada, Hindi, Marathi.
Address: Bangalore, Karnataka.