Summary
Highly motivated and detail-oriented data science enthusiast with a strong foundation in Python, SQL, and data analysis. Proficient in data visualization, machine learning, and deep learning. Seeking to leverage analytical skills in data-driven projects to drive business growth and innovation.

Skills
- **Programming Languages:** Python, SQL
- **Data Analytics:** Data Cleaning, Data Visualization, Statistical Modeling
- **Machine Learning:** NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow
- **Data Science:** Data Science, Natural Language Processing (NLP), Deep Learning
- **Tools:** Power BI, Google Analytics, MS-Excel, MySQL
- **Soft Skills:** Communication, Teamwork, Problem-Solving

Experience
Data Science Intern
- **Duration:** Jun 2025
- **Organization:** Vidyavardhini's College Of Engineering And Technology, Vasai
- **Key Responsibilities:**
- Gained hands-on experience in data preprocessing, exploratory data analysis (EDA), feature engineering, and building machine learning & deep learning models.
- Worked with libraries like NumPy, Pandas, Matplotlib, Scikit-learn, and TensorFlow to develop predictive and classification models.
- Enhanced skills in data visualization, model evaluation, and optimizing performance for real-world datasets.

Projects
- **E-commerce Sales Dashboard using Power BI**
- Designed and developed an interactive Power BI dashboard to visualize key e-commerce sales metrics.
- Key metrics included total revenue, profit, orders, customer segmentation, and regional performance.
- **Customer Churn Prediction**
- Collected, cleaned, and analyzed customer data to uncover patterns linked to churn behavior.
- Built and tuned machine learning models, including Logistic Regression and XGBoost, for optimal performance.
- Achieved 85% accuracy, enabling the business to proactively retain at-risk customers and reduce losses.
- **Customer Segmentation**
- Developed a customer segmentation model using K-Means clustering to group customers based on purchasing behavior and demographics.
- Performed data preprocessing, feature scaling, and dimensionality reduction (PCA) to improve clustering performance.
- Visualized clusters using Seaborn and Matplotlib for actionable business insights.
- Enabled targeted marketing strategies by identifying high-value customer segments.
- **Twitter Sentiment Analysis**
- Performed binary sentiment classification on tweets using the Sentiment140 dataset by applying NLP techniques.
- Trained a Logistic Regression model to accurately detect positive or negative sentiments.

Certifications
- **Python 101 For Data Science**
- **Duration:** Jun 2025
- **Organization:** IBM SkillsBuild, Virtual
- **Data Analytics Job Simulation**
- **Duration:** Jun 2025
- **Organization:** Deloitte, Virtual
- **Data Science Job Simulation**
- **Duration:** May 2025 - Jun 2025
- **Organization:** Lloyd's Banking Group, Virtual
- **Programming Fundamentals Using Python**
- **Duration:** Mar 2025 - Apr 2025
- **Organization:** Infosys Springboard, Virtual

Education
- **Bachelor of Engineering (B.E)**

- **Duration:** 2023 - 2027
- **Organization:** Vidyavardhini's College Of Engineering And Technology
- **Senior Secondary (XII)**
- **Duration:** 2023
- **Organization:** Nirmala Memorial Foundation College Of Commerce And Science
- **Percentage:** 84.60%
- **Secondary (X)**
- **Duration:** 2021
- **Organization:** Oxford Public School, Mumbai
- **Percentage:** 99.40%