

Shraddhesh Bhalerao

+91-9359216428 | shraddheshbhalerao10@gmail.com | [LinkedIn](#) | [GitHub](#)

I'm a curious and passionate aspiring data scientist, eager to learn and grow in machine learning and predictive analytics. I have a solid foundation in Python, MySQL, and Power BI and am excited to apply my skills to build accurate predictive models. I'm looking forward to gaining hands-on experience in real-time data processing, algorithm optimization, and advanced analytics while exploring new concepts and solving real-world problems with data-driven insights.

EDUCATION

SYMBIOSIS INSTITUTE OF TECHNOLOGY

B. Tech / Computer Science & Engineering

Jun 2021 - Present

Atomic Energy Central School - No.1

Junior College

Apr 2020 - June 2021

SKILLS

Programming Languages: Pyspark | Python (Pandas, Numpy, Matplotlib) | MySQL

Technologies & Tools: VS Code | Jupyter Notebook | Power BI | Microsoft Office | Git | Rstudio

Soft Skills: Critical thinking | Communication | Curiosity | Management

INTERNSHIP/ PROJECT EXPERIENCE

Data Analytics Intern

Feb 2025 - Present

GBK Collective, San Diego, CA

- Implemented **K-means** clustering and **PCA** in Python to develop **customer segmentation models**, enhancing data-driven decision-making.
- Optimized segmentation strategies by applying **dimensionality reduction and hyperparameter tuning** for improved cluster quality.
- Strengthened expertise in unsupervised learning, **refining feature selection**, and clustering techniques to uncover key insights.
- Leveraged **Python (sci-kit-learn, pandas, NumPy)** to analyze customer data, enabling more targeted marketing and personalization strategies.

PROJECTS

Stock Market Prediction

Jun 2024 - Oct 2024

- Developed a machine-learning-based stock market prediction system**, achieving over 85% accuracy in price movement forecasts.
- Implemented models, including **Linear Regression, LSTM, and Random Forest**, leveraging Python libraries such as **Pandas and NumPy** for data analysis and visualization.
- Conducted **exploratory data analysis (EDA)** to identify trends, informing model selection and feature engineering.
- Utilized **web scraping** to gather **real-time** financial data, ensuring up-to-date predictions.

Segmentify

July 2022 - Sep 2022

- Built and deployed **customer segmentation** pipelines using **PySpark** and **K-Means**, improving targeted marketing and increasing ROI by 15%.
- Applied k-means clustering in customer segmentation** to enhance targeted marketing, contributing to a 15% increase in revenue and refining business intelligence insights.
- Implemented advanced visualization techniques** to present analytical results clearly, facilitating quick and informed decision-making by stakeholders.

CERTIFICATIONS

- [IBM Data Science Professional Certificate](#) - Coursera

ACHIEVEMENTS & HOBBIES

- Gold Medal - SIT PROTA Table Tennis**
- Academic Volunteer, Z.P School, Pasthal**