

# Shambho Satish Nangare

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MSc Statistics graduate with a thoughtful, problem-solving approach and a growing foundation built through hands-on learning and projects. I enjoy understanding patterns in data and communicating insights clearly. I am seeking an opportunity to contribute to real-world analysis work while continuing to develop professionally.

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## SKILLS SUMMARY

**Programming and data analysis:** Python (Pandas, NumPy, Matplotlib, Scikit Learn, Seaborn), SQL, Excel, Jupyter Notebook, Power BI for Data modeling and dashboard.

**Data Concepts:** Data Wrangling, ETL, ELT, Data Transformation, EDA.

**Statistical Tools and Methods:** Descriptive Statistics, Correlation analysis, Confidence interval, Hypothesis Testing, Performance Metrics.

**Soft Skills:** Communication, Collaboration, Problem-solving, Time management, Multitasking.

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## EDUCATION

**Sadguru Gadage Maharaj College, Karad, Maharashtra**

- Master of Science in Statistics – CGPA: 7.14 June 2023 – March 2025
- Bachelor of Science in Statistics – CGPA: 8.74 July 2020 – March 2023

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## PROJECT

### House Price Prediction

[GitHub Repository](#)

- Build a data analytics pipeline with data cleaning, transformation, feature analysis, and EDA to study housing price variations.
- Improved dataset quality by handling missing values, outliers, skewness, and inconsistent feature distribution.
- Conducted statistical and relational analysis to identify key pricing drivers and trend in house markets.
- Trained and evaluated machine learning models using train-test split to assess performance and generalization.

**Tools:** SQL, Python, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook, Microsoft Word.

### Sales Performance Analysis Dashboard

[GitHub Repository](#)

- Analysed multi-dimensional sales data to evaluate revenue, orders, and customer behaviour across regions and demographics.
- Built interactive KPI dashboards in Power BI with slicers and drill-down features for dynamic business analysis.
- Identified high-performing customer segments and revenue-contributing categories through comparative and trend analysis.
- Performed Exploratory Data Analysis (EDA) to uncover patterns, outliers, and performance gaps across states and sectors.
- Translated analytical findings into clear, business-focused insights to support data-driven decision-making.

### Social Media Privacy Awareness – Statistical Research and Insights

[GitHub Repository](#)

- Conducted primary data collection and designed a survey-based statistical study on privacy policy awareness.
- Performed sampling, response validation and structured data preparation for analysis.
- Applied EDA, Cross Tabulation, and Statistical interpretation to identify behavioral risk patterns.
- Generated evidence-based insights and recommendations to support awareness initiatives.

**Tools:** Excel, Python, Jupyter Notebook, Microsoft Word.

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## CERTIFICATES

### Data Visualization (Develearn)

**Feb 2023**

- Learned to Create clear and meaningful data visualizations for insights and decision-making.

### Data Associate (Symbiosis University, Pune)

**Feb 2024**

- Working with experts in Machine Learning and Data Scientist. Collaborated in data handling, Manipulation, Wrangling, Preprocessing. Work on Advance Visualization through Seaborn and Matplotlib.

### Python For Data Science (NPTEL)

**March 2024**

- Gained practical knowledge of python libraries for data analysis and visualization.