

Samadhan Tangde

📞 +91-770 945 9644 ✉️ tangdesamadhan@gmail.com

LINKS

LinkedIn: [/samadhan-tangde](https://www.linkedin.com/in/samadhan-tangde/)

GitHub: <https://github.com/1002Sam>

TECH SKILLS

Languages, Databases:

Python • SQL • PostgreSQL • MySQL

Machine Learning Libraries & Frameworks:

NumPy • Pandas • Matplotlib • Seaborn

Platforms:

Jupyter Notebook • Google Colab • MS Excel • GitHub •

PowerBI • Tableau ↗

Professional Skills:

Data Analytics • Business Analytics • Data Visualization • Statistical Analysis • Data Modelling • Interpersonal Skills

COURSES

Full Stack Data Science ↗

AlmaBetter School, Bangalore

Tags: Python, Excel, SQL, Applied Statistics, Machine Learning, Hands on Projects

Data Analytics ↗

Simplilearn

Tags: Data Analyst skills & tools intro, problem solving & data storytelling

ACHIEVEMENTS

- Achieved gold badges in Python and SQL on HackerRank. ↗
- Led data-driven initiatives in restaurant management, optimizing marketing, fostering team dynamics, resulting in increased customer engagement, operational efficiency, and 4x revenue growth.

EDUCATION

BE in E&TC

GCE Chandrapur

July 2011 – July 2016

Civil Services Preparation

May 2016 – Dec 2018

INTERESTS

- Exploring and Analyzing Data
- Continuous Learning
- Teaching

EXPERIENCE

Teacher | educenter4u | Jan 2023 – Present

- Transitioned into education while pursuing Full Stack Data Science course, refining skills and deepening passion for data analysis.
- Honed ability to communicate complex ideas and simplify concepts as a tuition teacher, enhancing readiness for data analytics career at intersection of analysis and business strategy.

Restaurant Manager | Solid Tandoori | Oct 2018 - Dec 2022

- Spearheaded data-driven initiatives to enhance customer engagement, operational efficiency, optimized marketing and team dynamics and leadership.
- Seized the opportunity for Quick Service Restaurant (QSR) growth in India by employing a data-driven approach, leveraging technical tools and quality control measures, resulting in substantial revenue growth and business expansion.

PROJECTS

Store Data Analysis ↗

- Conducted thorough data preprocessing tasks, including null value checks, duplicate row removal, column optimization, and string data standardization.
- Analyzed geographical, product-level, and categorical/sub-categorical data to identify sales trends, top-performing items, and consumer preferences.
- Investigated sales, profit margins, shipping methods, customer behaviour, and return patterns to derive actionable insights and optimize business strategies.
- Generated actionable insights that can lead to improved operational efficiency, enhanced customer satisfaction, and significant revenue growth.

Cardiovascular CHD Risk Prediction | AlmaBetter Verified Project ↗

- Developed classification model to predict ten-year risk of coronary heart disease for different age groups to build preventive methods against CHD.
- Performed univariate, bivariate and multivariate analysis for detecting outliers and missing values, combined with feature engineering to draw out best set of inputs and fixed class imbalance via SMOTE, applied model interpretability technique like Shap.
- Performed random forest, support vector machine, XG boost, GBM and logistic regression with cross validation (CV) algorithms with different evaluation metrics and applied hyperparameter tuning to them & predicted CHD risk with F1 score 73%.
- Effectively applied machine learning to predict the ten-year risk of CHD, providing valuable insights for preventive healthcare recommendations.

Netflix Movies and TV Shows Clustering | AlmaBetter Verified Project ↗

- Conducted thorough exploratory data analysis (EDA) and applied preprocessing techniques, addressing missing values and optimizing data quality and prepared dataset for clustering using data wrangling.
- Engineered text features using Natural Language Processing (NLP) techniques and enhanced the dataset for clustering, demonstrating proficiency in effective textual data transformation.
- Implemented clustering algorithms (Hierarchical, KMeans, DBSCAN) for content grouping, enhancing user recommendations. Employed hyperparameter optimization (GridSearchCV) for fine-tuning, emphasizing its role in model accuracy.
- Derived actionable insights from clustering, enhancing content categorization and user experience. Applied analytical and problem-solving skills to interpret findings and provide strategic recommendations.