

Manthan Waghela

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OBJECTIVE

Aspiring Data Analyst with hands-on experience in SQL, Python, Power BI, and machine learning through real-world projects and teaching experience. Skilled in data preprocessing, visualization, and extracting actionable insights from complex datasets. Eager to apply analytical and problem-solving skills to support data-driven decision making in a professional environment.

EDUCATION

KES Shroff College Kandivali, Mumbai

Master of Science in Data Science (Pursuing, Sem 1 CGPA: 8.45)

July 2025 – Present

KES Shroff College Kandivali, Mumbai

Bachelor of Science in Information Technology; CGPA: 9.52

July 2022 – May 2025

EXPERIENCE

Teaching Assistant

Dec 2025 – Mar 2026

KES Shroff College, Mumbai

- Delivered lectures and practical sessions for OOP, Python, and SQL across 5 batches
- Taught 174 students through 61 lectures (3640 minutes) with 66.79% average attendance
- Designed relational datasets and SQL queries to support hands-on database learning
- Guided students in problem-solving and doubt resolution to strengthen core concepts

TECHNICAL SKILLS

Languages: Python, SQL, NoSQL

Tools: Power BI, MS Excel, VS Code, MySQL Workbench

Libraries: pandas, NumPy, Matplotlib, Seaborn, TensorFlow, scikit-learn

Core Skills: Data Analysis, Data Visualization, Software Testing, Generative AI

Soft Skills: Communication, Teamwork, Problem Solving, Leadership

PROJECTS

Deep-Forecast: Stock Price Forecasting API | Python, TensorFlow, FastAPI | Live

- Built GRU-based deep learning model to forecast stock Open and Close prices
- Performed preprocessing including log returns, scaling, and missing value handling
- Implemented recursive multi-step forecasting for future predictions
- Achieved strong performance (R^2 up to ~ 0.92)

Global Sales & Profit Dashboard | Power BI, Excel | View Project

- Built interactive dashboard analyzing 7 markets and 3 product categories
- Identified Technology as highest profit (\$0.66M) and APAC leading sales region
- Segmented data across customer groups to extract business insights
- Highlighted high-priority orders driving highest shipping cost (\$0.20M)

Credit Risk Data Preprocessing & Imputation Pipeline | Python, scikit-learn | View Project

- Performed Exploratory Data Analysis (EDA) and preprocessing using GenAI-assisted workflows and validated outputs
- Applied MICE with RandomForestRegressor for missing value imputation (95%+ accuracy)
- Used IterativeImputer and feature engineering for model-ready datasets
- Delivered insights through reports and presentations

CERTIFICATIONS

Data Analytics (Excel), Advanced Excel, Quant Aptitude – KES Shroff College

GenAI Predictive Analysis Job Simulation – Forage

ACHIEVEMENTS

Winner of Hackathon – KES Shroff College (2024-2025)