

# Manthan Waghela

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## OBJECTIVE

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Aspiring Data Analyst with a strong foundation in data tools like SQL, Excel, Python, and Power BI. Currently building practical skills in data cleaning, analysis, and visualization. Eager to apply analytical thinking and technical knowledge in real-world business intelligence and data-driven decision making.

## EDUCATION

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### KES Shroff College Kandivali, Mumbai

*Bachelor of Science in Information Technology; CGPA: 9.52*

Mumbai, India

*July 2022 – May 2025*

### SKVM Mithibai College, Mumbai

*Higher Secondary Certificate; Percentage: 59%*

Mumbai, India

*2022*

## TECHNICAL SKILLS

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**Hard Skills:** Python, SQL, NoSQL, Power BI, MS Office (Excel, Word, PowerPoint), Data Analysis, Data Visualization

**Soft Skills:** Communication, English Proficiency, Teamwork, Problem Solving, Leadership, Critical Thinking

**Libraries & Tools:** pandas, NumPy, Matplotlib, Seaborn

## PROJECTS

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### Global Sales & Profit Analysis Dashboard | *Power BI, Excel*

October 2024

- Designed and developed an interactive Power BI dashboard analyzing sales data across 7 global markets and 3 product categories
- Created multi-dimensional visualizations to identify that Technology contributes highest profit (\$0.66M) while APAC leads in sales (\$35.9M)
- Applied data modeling techniques to segment analysis by Consumer, Corporate, and Home Office categories
- Delivered actionable insights showing high-priority orders drive largest shipping costs (\$0.20M) and Canada's negligible market contribution

### GenAI Powered Predictive Analysis | *Python, scikit-learn, pandas, Machine Learning*

2024

- Completed Forage job simulation on GenAI-powered predictive analysis focusing on advanced data preprocessing and ML workflows
- Performed comprehensive data transformation including standardization of employment status categories and handling categorical variables using one-hot encoding
- Implemented Multiple Imputation by Chained Equations (MICE) using RandomForestRegressor to impute missing income values with 95%+ accuracy
- Utilized scikit-learn's IterativeImputer and feature engineering to prepare clean datasets for predictive modeling
- Delivered comprehensive business insights through technical documentation including Business Summary Report, EDA Summary Report, Predictive Model Plan, and executive presentation demonstrating strong data storytelling and communication skills

## CERTIFICATIONS

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Certificate Course in Data Analytics using Excel – KES Shroff College

Certificate Course in Advanced MS Excel – KES Shroff College

Certificate Course in Quantitative Aptitude and Logical Reasoning – KES Shroff College

GenAI Powered Predictive Analysis Job Simulation Certificate – Forage

## ACHIEVEMENTS

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Winner of Hackathon conducted by KES Shroff College (2024-2025)