

Manal Mestry

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Skills

Python | NumPy | Pandas | Matplotlib | PLOTLY | Seaborn | Scikit Learn | KERAS | Statistical Analysis | Tableau | Power BI | MySQL | PostgreSQL | MS Excel | MS PowerPoint | MS Word | Data Cleaning | Data Analytics | Data Science | Data Visualization | R Programming | Machine Learning | Deep Learning | Natural Language Processing | Research & Development

Work Experience

Stay Atlas – Data & Research Analyst

February 2025 – May 2025

- Conduct in-depth research on vacation rental and real estate trends to identify business opportunities.
- Analyse villa performance based on location, cost, customer preferences, and market trends.
- Evaluate competitors' strategies and pricing models, providing data-driven recommendations for business improvement.
- Perform data analysis to generate actionable insights for optimizing property management, marketing, and customer engagement.
- Extract and analyse data from customer feedback, industry reports, and internal analytics to enhance business strategies.
- Create and manage booking reports and invoice formats, ensuring accuracy in financial documentation and records.
- Process and reconcile financial data, tracking advance payments, pending amounts, and payment modes.
- Stay updated with emerging technologies in the vacation rental and real estate sector.
- Develop comprehensive presentations and pitch decks based on market research.
- Recommend and implement workflow improvements to enhance operational efficiency and customer satisfaction.

Trainity – Data Analyst Intern

November 2024 to February 2025

- Analysed Instagram user interactions to uncover engagement trends that informed product strategy. Developed and optimized SQL queries for efficient data extraction and cleansing.
- Investigated sudden operational metric spikes using advanced SQL techniques. Collaborated with cross-functional teams to streamline data processes and enhance operational efficiency.
- Conducted statistical analysis on recruitment data, tracking metrics such as interview-to-hire ratios and rejection rates. Provided insights that supported improvements in the hiring process.
- Executed a detailed analysis of movie data, using Excel and Python to create compelling visualizations. Crafted data stories that clearly communicated findings and supported business decisions.
- Performed exploratory data analysis to identify patterns in customer credit data and loan defaults. Developed data-driven recommendations to enhance the accuracy of loan approval processes.

Goldman Sachs – Data Analyst Job Simulation Internship

July 2024 to August 2024

- Automated workflows by developing two functional macros with VBA, reducing manual effort by 25% using VBA macros enhancing efficiency in analysing account sales data.
- Created compelling data visualizations and interactive dashboards, leveraging Excel and PowerPoint to support data-driven storytelling. Increasing decision-making efficiency for hypothetical scenarios by 15%

Accenture – Data Analyst Job Simulation Internship

June 2024 to July 2024

- Conducted a simulation project to advise a hypothetical social media client on content strategy.
- Cleaned and analysed 7 datasets to identify key content trends and provide actionable insights.
- Designed and delivered a presentation viewed by stakeholders, ensuring actionable insights were effectively communicated.

Lokesh Jain And Co – Data Entry Apprenticeship

January 2021 to February 2021

- Managed client accounts, ensuring 100% accuracy in financial records for over 50 accounts.
- Oversaw 10+ GST registration processes, ensuring compliance with government regulations within deadlines.
- Conducted data entry for 200+ transactions, maintaining client databases with zero errors.

Projects

Weather Conditions Analysis During World War II | *Machine Learning Project - Dec 2024*

- Developed a data-driven analysis of historical weather conditions during World War II using Python.
- Processed and analyzed 119,040 records of historical weather observations from the World War II era.
- Performed exploratory data analysis (EDA) to identify trends in temperature, precipitation, and other meteorological factors.
- Utilized pandas and NumPy for data cleaning, handling missing values, and statistical analysis.
- Visualized key insights using Matplotlib and Seaborn to illustrate historical weather patterns. [Weather](#)
- Provided valuable historical context by analyzing extreme weather events and their potential impact on wartime strategies.

Forecasting House Prices in the Real Estate Market | *Data Science Project - July 2024*

- Developed a Python machine learning model to predict real estate prices. The project required data preprocessing, exploratory data analysis (EDA), and visualisation with packages including Pandas, Matplotlib, and Seaborn.
- Linear regression was used to forecast house values based on variables such as house age, distance to the nearest MRT station, number of convenience stores, latitude, and longitude. Analysed feature correlations and model performance using scatter plots, correlation matrices, and metrics like MSE and R². [Real Estate](#)

Country-Specific Netflix Usage Analysis | *Tableau Project - July 2024*

- Designed impactful data visualizations an interactive Tableau dashboard to analyse Netflix consumption patterns in various countries.
- This project required extracting, transforming, and visualising Netflix user data to find trends and insights about viewing habits, popular genres, and subscriber demographics.
- The dashboard provides actionable insights to help make strategic decisions about increasing user engagement and optimising content delivery across many markets. [Dashboard](#).

Education

Post Graduate Diploma

Specialization - Data Science and Artificial Intelligence

Boston Institute of Analytics

Oct 2024 – May 2025

Masters of Business Administration (MBA)

Specialization - Information technology systems management

Narsee Monjee Institute of Management Studies (NMIMS) - 63%

June 2022 – Oct 2024

Bachelor of Management Studies (BMS)

Specialization – Finance

Mumbai University | CGPA: 6.60

July 2018 – July 2021

Certifications

- **Goldman Saches Excel Certification** - *July 2024*
- **Accenture data Analytics and Visualization Certification** - *June 2024*
- **Udemy SQL Certification** - *April 2024*
- **R Programming Udemy Certification** - *Feb 2024*
- **Tableau 2022 A-Z: Hands On Tableau Training for Data Science by Udemy** - *Jan 2024*
- **FreeCodeCamp Certified: Data Analysis with python** - *Aug 2023*
- **University of California, Davis SQL Data Science Certificate** - *July 2023*