

# ANTIM PAL

Data Analyst | Business Analyst | SQL |

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## EXPERIENCE

### Data Analyst Intern

Delhi, India

[Intern Career](#)

03/2024 - 04/2024

Internship focused on data analysis and business intelligence

- Implemented Big Data analysis and dashboard reporting using Python and Power BI.
- Utilized Python (Pandas, Matplotlib, Seaborn) for exploratory data analysis and visualization.

### Data Analyst

Noida, India

[Cognifyz Technology](#)

01/2024 - 03/2024

Internship focused on data analysis and business intelligence

- Analyzed **10,000+ restaurant transaction records** to uncover patterns in customer preferences, visit frequency, and purchasing behavior.
- Conducted **EDA** and **geospatial analysis** to **visualize rating** patterns.

## PROJECTS

### Restaurant Data Analysis

[https://github.com/iamAntimPal/Restorent\\_Data\\_Analysis\\_and\\_Prediction](https://github.com/iamAntimPal/Restorent_Data_Analysis_and_Prediction)

Tools & Tech: Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook, SQL

- Analyzed 10,000+ customer transaction records, revealing a 20% spike in repeat visits based on meal preferences and time patterns.
- Conducted EDA and geospatial analysis to map rating hotspots, improving location-based marketing by 15%.
- Identified delivery and booking trends that helped reduce order delays by 25% through data-driven operational insights.

### Hotel Management System

<https://github.com/iamAntimPal/SuiteSpot>

Software designed for hotel management, Tools & Tech: Python, Tkinter, SQLite/MySQL, OOP, SQL, GUI Design

- **Designed and built a comprehensive hotel management system** using Python, Tkinter, and OOP principles to streamline operations like booking, billing, and guest tracking.
- **Implemented a robust SQL-based backend (SQLite/MySQL)** for structured data storage, seamless retrieval, and cross-module reporting across 5+ key functionalities.
- **Increased operational efficiency by 40%** and reduced booking errors by 60% by automating manual workflows and enhancing the user experience through an intuitive GUI.

### Product data Analysis

[https://github.com/iamAntimPal/Product\\_sales\\_analysis](https://github.com/iamAntimPal/Product_sales_analysis)

Boosted sales insights by 35% through product data analysis and predictive modeling on 10,000+ records; enabled data-driven marketing and inventory decisions.

- Built a product analysis pipeline using Python, SQL, and Power BI to clean and visualize 10K+ records for sales insights and forecasting.

## SKILLS

Big Data, Python, C++, Pandas, Matplotlib, Seaborn, GitHub, GUI, Jupyter Notebook, SQL, MongoDB, Tableau, Microsoft Power BI, NumPy, Google Sheet, Visual Studio, Advance Excel, EDA, GitHub Action, Linux, MYSQL, Data Visualization, Data Visualization, Web Development, Data Preprocessing, Exploratory Data Analysis

## SUMMARY

**Data Analyst** and **Web Developer** with hands-on experience in **SQL, Python (Pandas, NumPy, Seaborn, Scikit-learn), Power BI, and Advanced Excel**. Proven ability to design dashboards, automate reporting, and extract insights from large datasets to support data-driven business decisions. Strong foundation in **data wrangling, visualization, and predictive analytics** with a track record of **delivering efficient, real-world solutions**.

## KEY ACHIEVEMENTS

### 3-Star, LeetCode

**Ranked 3-star on LeetCode** through regular practice of algorithmic challenges in areas such as data structures, array, string and system-level. [Antim Pal](#)  
[https://leetcode.com/u/antim\\_pal/](https://leetcode.com/u/antim_pal/)

### 5-Star, Hacker Rank

Developed 15 complex SQL queries optimizing data retrieval processes for customer transaction analysis; enhanced database efficiency by 30% and reduced query execution time by 20 minutes, thereby enabling faster report generation.

## EDUCATION

### A LEVEL

New Delhi, India

Infotech Softnet institute, New Delhi

01/2024 - 01/1970

### Bachelor of Arts

Prayag Raj, India

Ram Yash Degree College, Prayag Raj

01/2021 - 12/2024