Tirth Patel *Data Analyst*

✉ pateltirthmscit@gmail.com 📞 6355994535 📍 Ahmedabad, India

in www.linkedin.com/in/tirth-nikunjkumar-patel   https://github.com/Tirthpatel03

Profile

Detail-oriented and motivated data analyst with a Bachelor's degree in Commerce and a passion for leveraging data to drive informed decisions. Proficient in data cleaning, analysis, and visualization using Python (Pandas, NumPy) and SQL. Knowledge in extracting meaningful insights, and presenting findings using tools like Power BI. During academic projects gained hands-on experience in Data collection, Data Cleaning, Data Visualization. Developed strong analytical and problem-solving skills with a keen attention to detail.

Certifications

- Data Analysis with Python by Cognitive class.ai.
- Python for Data Science by IBM.
- TCS ION Career Edge – Young Professional by TCS ION Career Edge.

HARD SKILLS

• Excel	• Python	• NumPy	• Seaborn	• Matplotlib
• Power BI	• SQL	• Pandas	• MongoDB	• MySQL
• Web Scraping	• Data Preparation	• Data analytics	• Data visualization	

SOFT SKILLS

• Communication	• Teamwork	• Leadership	• Adaptability
• Problem-solving	• Creativity	• Work ethics	

Professional Experience

Process Associate   **January 2024 – Present**
iFedora Services Pvt Ltd, Ahmedabad, India
Leading Healthcare Revenue Cycle Management Service Provider with over 20 years of experience serving clients from individual to group practices across the USA.

- Experienced in accurate Medicaid claim filing and comprehensive Accounts Receivable management, ensuring timely reimbursement and effective denial resolution
- Proven ability to navigate regulations and optimize the revenue cycle
- Proficient in all aspects of Medicaid billing, from initial claim submission to AR follow-up
- Conduct in-depth denial analysis and payment resolution to maximize collections and ensure compliance
- Manage Healthcare data analytics and reporting for revenue optimization

Projects

Hotel Booking Analysis:

- The Hotel Booking Demand dataset on Kaggle offers a comprehensive view of hotel booking trends and patterns.
- It includes crucial booking details like lead time (time between booking and arrival), arrival times, and reservation specifics. Moreover, the dataset encompasses diverse customer demographics, such as nationality and the number of guests per booking.

- This dataset also tracks booking modifications, cancellations, and other pertinent changes, providing valuable insights into customer behavior and preferences.
- Analysts can leverage this data to explore seasonal booking trends and identify popular destinations. Through working with this dataset, I gained knowledge in data preprocessing, exploratory data analysis.
- This experience enhanced my ability to derive actionable insights and make informed decisions based on data-driven analysis. **Airbnb Booking Analysis:**
- I have worked extensively with the New York City Airbnb Open Data available on Kaggle. This dataset contains comprehensive information on Airbnb listings in New York City, covering attributes such as location, price, room type, host details, guest reviews, and availability.
- Analyzing this dataset my skills in data preprocessing, exploratory data analysis. I gained insights into pricing trends, occupancy rates, and factors influencing listing popularity.
- This experience enabled me to extract actionable insights from large datasets, facilitating strategic decision-making and optimizing pricing strategies.
- Leveraging this dataset, I developed proficiency in data-driven analysis and visualization techniques, demonstrating the ability to derive meaningful business insights from complex data structures.

Education

B.com (Accounting) - 2022
JG College of Commerce (6.0 CGPA), Gujarat University

Msc.IT (Business Intelligence and Analytics) - 2024
Gujarat University (7.56 CGPA)