

Mihir M. Patel

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Summary

Proficient in Power BI, Python, and SQL, with expertise in data analysis, including data cleaning, preprocessing, and storage. Adept at developing comprehensive dashboards and visualizations to derive actionable insights. Skilled in applying advanced algorithms and techniques to extract valuable insights, driving data-driven decision-making and impactful results

Education

Robert Morris University, Pittsburgh

Master of Science in Data Analytics

Aug 2023 – May 2025

GPA: 3.66/4.0

Course work: Python, Database Management System, Data Mining, Database for Data Science, Power-Bi

L.J. College Of Computer Application, Gujarat, India

Aug 2020 – June 2023

Bachelors of Computer Application

GPA: 3.23/4.0

Participant of Smart India Hackathon

Courses: Web Development, Python, SDLC (Software Development Life Cycle), HTML5, Applied Machine Learning, DBMS

Technical Skills

Languages: JavaScript, Python, SQL, NoSQL, HTML5, CSS3, Bootstrap

Tools & Tech: REST APIs, Git, Power BI, Django

Libraries: Pandas, NumPy, Matplotlib

Databases: MySQL, MongoDB

Experience

Infolabz

Jan 2022 – Jul 2022

Python Developer Intern

Gujarat, India

- Developed a dynamic Python-based application with Django, focusing on efficient state management and seamless navigation.
- Created a custom video processing module to deliver enriched multimedia experiences, optimizing performance and functionality, and utilizing libraries like OpenCV to improve user interaction and control.
- Enhanced application performance using advanced techniques like caching, multithreading, and memory management, achieving an 85% improvement in processing efficiency.

Shriram Fortune

Feb 2023 – Jul 2023

Data Analytics Intern

Gujarat, India

- Conducted data cleaning, preprocessing, and storage for high-quality datasets in model training
- Developed Sql and Python for data extraction and analysis, improving data processing efficiency by 20%.
- Designed interactive Power BI dashboards to monitor KPIs such as customer acquisition, policy renewals, and sales performance, contributing to a 25% improvement in decision-making speed.
- Collaborated with sales and marketing teams, providing insights that improved sales conversion rates by 22% and refined targeting strategies for high-value insurance products.

Projects

SIDA (Sales Insights Data Analyst) | PowerBi, MS Office Excle, MySQL

[Github](#)

- Utilized Power BI and MySQL to lead the SIDA project for a computer hardware business, addressing market challenges and improving sales performance by 20%.
- Through data visualization and mining, I generated comprehensive reports, tracking sales performance and customer behavior.
- Collaborated cross-functionally to develop strategies that addressed shifting market dynamics, presenting insights that contributed to a 10% improvement in strategic decision-making.
- Continuously monitoring and optimizing data sources ensured accuracy and relevance, contributing to improved sales effectiveness and customer satisfaction.

RealEstate Insight: Interactive Property Price Dashboard | Python, Pandas, Numpy, Geospatial Mapping [Github](#)

- Attained an interactive dashboard for real estate price analysis, synthesizing diverse data sources for real-time insights and trends. Leveraged advanced visualizations to facilitate quick, data-driven decisions.
- Reached 90% accuracy in price predictions through sophisticated data analysis and machine learning, reducing data processing time by 50% and operational efficiency.

Activities and Volunteering

- Received a certificate for completing **Data Analytics** program from Bootcamp [🔗](#) 2023
- Earned a **Python for Data Science** certificate [🔗](#) 2024