Prit Italiya

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https://prititaliya.github.io/portfolio/

Summary

Aspiring data scientist with a background in software engineering and hands-on experience in data engineering. Developed scalable data tools using SQL and Python, and created interactive dashboards with Google Data Studio and Tableau. Skilled in data analysis and visualization, aiming to leverage technical expertise to drive data-driven decision-making in a data science role.

Skills

Data Analysis: Data Cleaning, Data Visualization, Statistical Analysis, ETL (Extract, Transform, Load), Data Integration
Data Tools: Python (Pandas, NumPy, Matplotlib, Seaborn), R, Excel, SQL, Google Data Studio, Tableau
Software Engineering: Object-Oriented Programming, Design Patterns, Algorithms, API Integration
Languages: Python, Java, JavaScript, C, C++, R, PHP, SQL
Version Control: Git, GitHub
Database Management: MySQL, MongoDB, PHPMyAdmin, Google BigQuery
Cloud Platforms: Google Cloud (GCP), AWS (basic knowledge), Zapier Automation
Soft Skills: Problem Solving, Analytical Thinking, Team Collaboration, Communication, Adaptability

Education

University of Manitoba
B.C.Sc., Computer Science   Jan 2023 - May 2026
- Achievements: GPA: 3.67

Gujarat Technological University
Diploma in Engineering, Information & Technology   Aug 2019 - Jul 2022
- Achievements: CGPA: 9.09

Work Experience

Naos Blockchain Capital
Data Engineering Intern   Nov 2024 - Present
- Developed and optimized data-driven business intelligence dashboards for a live MVP environment in collaboration with co-founders. Leveraged SQL, Python, Google Data Studio, and Tableau to transform raw insights into actionable strategies.
- Implemented scalable data pipelines and advanced analytics workflows using Google Cloud Products, ensuring efficient data capture, cleansing, and processing. Demonstrated expertise in predictive modeling, database management, and end-to-end solution design, which improved data accuracy and facilitated strategic insights through collaborative GitHub version control

CSSA
Accessibility Advocate   Aug 2024 - Present
- Advocated for accessible learning by promoting academic accommodations and supporting students with disabilities in navigating resources like exam accommodations, assistive technologies, and Student Accessibility Services collaboration.

Projects

Socioeconomic Income Analysis in Mexico
- Analysed average daily salary and income distribution across socioeconomic levels in Mexico, focusing on disparities and correlations by region and occupation.
- Conducted correlation and distribution analyses to identify significant economic disparities across socioeconomic levels.
- Found that A/B level employees have the highest average income, while E level shows economic challenges.
- Discovered that administrative roles yield higher incomes than operational ones, indicating occupation's impact on income.

Intro to Pandas for Data Analysis
- Exercises completed with skills in Series Basics, DataFrames Filtering, Vectorized Operations, and Plotting.
- Accomplishments: Completed 50 different projects on data manipulation, filtering, and sorting.

College Website (Full-Stack)
- Led development of a faculty management website with responsive design, real-time updates, document sharing, MySQL integration, and user authentication using phpMyAdmin.
- Contributed to feature enhancements through user feedback.