

# JINAL THAKKAR

EMAIL — [LinkedIn](#) — [Github](#) — +1 (848) 205-0927 — Newyork, NY (Open to Relocation)

## SUMMARY

Dynamic and results-driven Data Analyst with over four years of expertise in leveraging Python, SQL, and R to optimize data pipelines and drive actionable insights. Proven track record of developing data validation processes, automating reporting systems, and creating impactful visualizations with Tableau and Power BI. Experienced in market and user behavior analysis, developing predictive models, and automating data processes to streamline operations. Adept at collaborating with teams to present complex findings to executive stakeholders and influence decisions. Strong background in optimizing resources, enhancing engagement, and ensuring data integrity.

## TECHNICAL SKILLS

- **Languages:** Python, SQL, R
- **Visualization Tools:** Power BI, Tableau, MS Excel (Advanced: Macros, VBA, Pivot Tables, Complex Formulas)
- **Database Management:** MySQL, PostgreSQL, SQLite, Microsoft SQL Server, MongoDB
- **Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP)
- **Other Skills:** Data Pipeline Optimization, Data Cleaning, Statistical Analysis, SAS, Predictive Modeling, ETL Processes, Database Management, Report Generation, Data Visualization, KPI Monitoring, Automation Scripting, A/B Testing

## EXPERIENCE

- **Data Analyst** December 2023 – May 2024  
CFI Consulting LLC New York, USA
  - Developed and implemented a new data validation process for project schedules and cost estimations, ensuring higher accuracy and reliability in forecasting using advanced Excel and SQL skills.
  - Introduced an automated reporting system to track project progress and coordinate with agencies, reducing manual reporting time through Python scripting for automation.
  - Analyzed resource utilization data to identify inefficiencies in construction scheduling and contract buy-outs, employing Tableau for data visualization to optimize resource management.
  - Utilized SQL queries in MySQL and PostgreSQL databases to ensure the integrity and accessibility of data, facilitating seamless analysis and informed decision-making processes.
- **Data Analyst** June 2020 – January 2023  
CMExpertise Info Tech Ahmedabad, India
  - Streamlined data pipelines and analytics frameworks using SQL and Python, enhancing data processing efficiency and enabling quicker decision-making.
  - Leveraged Tableau and Power BI to develop and present actionable insights, driving higher user engagement and influencing product success.
  - Implemented ETL processes using SQL and Python to move and transform data between systems, ensuring data integrity and enhancing data accessibility.
  - Monitored and analyzed key performance indicators (KPIs) with R and SAS, providing valuable insights for data-driven decision-making and performance improvement.
- **Data Analyst Associate** August 2019 – May 2020  
CMExpertise Info Tech Ahmedabad, India
  - Analyzed user data using SQL and Python to enhance user experience and inform product development decisions.
  - Collaborated with development teams to integrate data-driven features derived from SQL and Python analysis, improving product functionality and user satisfaction.
  - Conducted A/B testing and user behavior analysis using R, contributing to more informed design decisions and better product performance.
  - Automated data extraction and reporting processes with Python, ensuring higher reporting accuracy and efficiency.

## EDUCATION

- **New Jersey Institute of Technology** Newark, NJ  
Master of Science in Computer Science May 2024
- **Indus University** Ahmedabad, India  
Bachelor of Technology in Information Technology May 2022

## PROJECTS

- **Retail Sales Analysis** January 2024 - August 2023  
*SQL, Python, Pandas, NumPy, Tableau*
  - Analyzed retail transactions using SQL and Python to identify trends and optimize product placement.
  - Developed Tableau dashboards for actionable insights, leveraging Pandas and NumPy.