

# KIRUTHIGA M

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## EXECUTIVE SUMMERY

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Aspiring Data Analyst with strong foundation in Python, SQL, Power BI, and Excel, backed by academic projects in analytics and predictive modeling. Skilled in data cleaning, visualization, and statistical analysis, with proven ability to translate raw data into actionable insights. Adept at building interactive dashboards, developing predictive models, and supporting decision-making through data-driven storytelling. Passionate about continuous learning and applying analytical solutions to real-world business problems.

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## EDUCATION

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### 2023 - 2025 | Master of Computer Applications

Dr. SNS Rajalakshmi College of Arts and Science (Autonomous), Coimbatore, Tamilnadu | 8.5 CGPA

### 2020 – 2023 | Bachelor of Science in Mathematics

Holy Cross College (Autonomous), Tiruchirappalli, Tamilnadu | 7.41 CGPA

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## CORE SKILLS

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- **Programming & Analysis:** Python (Pandas, NumPy, Matplotlib, Scikit-learn), SQL (Query Writing, Joins, Aggregations, Optimization)
- **Visualization & Reporting:** Power BI, Excel (Dashboards, Pivot Tables), Google Sheets
- **Databases:** MySQL
- **Tools:** Jupyter Notebook, PyCharm, MS Excel, Microsoft Power BI
- **Soft Skills:** Analytical thinking, Problem-solving, Storytelling with data, Collaboration, Time management
- **Languages:** English, Tamil

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## PROJECTS & EXPERIENCE

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### Doctor Appointment Analytics System | Python, MySQL, Excel, Power BI

Oct 2024

- Performed statistical and trend analysis on patient and feedback data to identify gaps in healthcare services.
- Developed predictive models for no-show rates and cancellations using Python and SQL, improving resource planning.
- Built interactive dashboards in Power BI and presented insights through data storyboarding for hospital stakeholders.

### Job Role Categorization & Filtering | Python, MySQL, Excel, Power BI

Mar 2025

- Collected, cleaned, and analyzed datasets from finance and corporate services to forecast employment trends.
- Designed analytical models (regression & Monte Carlo simulations) and developed self-service dashboards.
- Applied data governance practices to ensure scalability and supported clients by translating business challenges into solutions.

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## CERTIFICATIONS

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### Career Essentials in Data Analysis – Microsoft & LinkedIn (Online)

- Gained expertise in data analysis, visualization, and analytics to support data-driven decisions.

### Power BI Data Modelling Basics – Simplilearn (Online)

- Learned to design data models, create dashboards, and transform raw data into interactive insights.