

Jino Mathew M J

Data Analyst

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📍 Bangalore, India

Dedicated Data Analyst with professional experience in Monitoring & Evaluation (M&E), backed by 1 year and 2 months of industry experience across data analysis and related domains. Proficient in Python, R, SQL, Excel, and Power BI. Skilled in analysing program data, tracking performance indicators, and generating actionable insights to support strategic decision-making. Committed to data accuracy, timely reporting, and outcome-focused evaluation.

WORK EXPERIENCE

Data Analyst, Monitoring and Evaluation (M&E)

05/2025 – Present | Bangalore, India

Diya Ghar

- Collected, cleaned, and analyzed program data to support DiyaGhar's education and child development initiatives
- Analysing Performance of students using different statistical tests in Python
- Developed and maintained interactive Power BI dashboards to visualize key project indicators, track beneficiary reach, and support real-time decision-making.
- Built data pipelines from Excel and survey tools into Power BI, automating monthly reporting and reducing manual workload.
- Participated in baseline and endline evaluations, analyzing data from over 1,000 beneficiaries across urban minority communities
- Worked closely with M&E team to ensure indicator tracking aligned with the project logframe.
- Created concise, data-driven reports and visual summaries for donors, program managers, and external partners

Assistant Professor (Department of Computer Applications)

08/2024 – 01/2025 | Bangalore, India

Koshy's Group of Institutions

- Delivered in-depth lectures on Cloud Computing, Java, Database Management Systems (DBMS), and R Programming, covering foundational and advanced concepts.
- Mentored and guided students in hands-on projects related to Java programming, cloud-based applications, database design, and data analysis with R, helping them build practical, job-ready skills.
- Organized and conducted workshops on topics such as Java Development Best Practices, Database Optimization, Cloud Deployment Strategies, and Data Visualization in R, improving student competence in key IT skills.
- Developed comprehensive course materials, including tutorials, project work, and assessments, tailored to industry needs in cloud technology, software development, and database systems.
- Engaged in collaborative teaching, problem-solving sessions, and student interactions, strengthening communication skills critical for teamwork in tech environments.

Key Technical Skills: Cloud Computing (AWS), Java (Core and Advanced), SQL Databases, R Programming, Data Analysis, and Visualization.

INTERNSHIP EXPERIENCE

Unizen Technologies pvt ltd

12/2023 – 04/2024 | Bangalore, India

Internship (Full Stack Developer)

- Collaborated with senior developers to design and develop scalable and responsive web applications, ensuring adherence to project specifications and timelines.
- Technologies Used: HTML/CSS, JavaScript, Node.js frameworks
- Enhanced user experience and interface functionality through effective implementation of frontend technologies.
- Actively engaged in team meetings and brainstorming sessions, offering insights and suggestions to improve project efficiency and effectiveness.
- Participated in knowledge-sharing sessions, contributing to the team's collective learning and growth in emerging technologies and development practices.

EDUCATION

Christ Deemed to be University

08/2022 – 05/2024 | Bangalore, India

Masters of Science (Data Science)

Kristu Jayanti College

06/2019 – 05/2022 | Bangalore, India

Bachelors of Computer Applications

PROJECTS

Student - Performance Analysis

This project analyse the performance of Diya Ghar's alumni vs Non-Diya Ghar alumni studying in government school and Private school using T-test

- Performed statistical analysis on student performance dataset (DG alumni vs Non-DG alumni).
- Applied T-test to determine if score differences were statistically significant.
- Created visualizations and documented findings using Google Colab and Markdown.
- Version-controlled all code and documentation in GitHub for reproducibility.

Asia Cup - 2025 prediction

Cricket Analysis

- A Python-based simulation to track the probability of each Super-4 team (India, Pakistan, Sri Lanka, Bangladesh) winning the Asia Cup 2025.
- Monte Carlo simulations are used to estimate title-winning probabilities and generate charts showing probability trends over time.

Indian Sign Language to Text Conversion: A Real-Time Web App

- Developed a system to accurately interpret Indian Sign Language (ISL) gestures from video inputs and convert them into real-time text captions.
- Role: Lead Frontend Developer, collaborating with a team of three
- Technologies Used: Streamlit, Python, MediaPipe, LSTM-based model, TensorFlow, OpenCV
- Skills Strengthened: Responsive web design, real-time data processing

Points Table Web App for a football Tournament

- Built a Streamlit -based app to dynamically display team ranking and match results from Excel sheets

TECHNICAL SKILLS

Data Cleaning and Processing

- Handling missing data, duplicates, and formatting issues
- Ability to transform raw data into structured formats

Programming

- Python
- R Programming

Data Analysis and Management

- SQL
- Power BI
- Advance Excel

Operating Systems

- Windows
- Linux
- MacOS

Libraries

- Streamlit
- Pandas
- Matplotlib
- Plotly
- Numpy
- Scipy

ANALYTICAL SKILLS

Descriptive & Inferential Statistics

- Understanding means, medians, standard deviations, correlations.
- Basic hypothesis testing

Monitoring & Evaluation Concepts

- Familiarity with Logframe, Theory of Change, indicators
- Knowledge of baseline, midline, and endline evaluations

Report Writing & Visualization

- Creating concise reports and dashboards for stakeholders
- Translating data insights into actionable recommendations

SOFT SKILLS

Attention to Detail

- For cleaning and interpreting data accurately

Communication

- Explaining data insights to non-technical audience.

Time Management

- Handling multiple datasets or reporting tasks under tight deadlines

Team Collaboration

- Working with M&E team, program managers, and field staff.

CERTIFICATES

AWS Academy Graduate - AWS Academy Cloud Foundations — Issued by Amazone Web service training and certification

INTERESTS

- Blogging on Medium
 - Sudoku
 - Basketball
- Chess
 - Rubix Cube

LANGUAGES

- English
 - Tamil
- Kannada
 - Hindi
- Malayalam