

# Jino Mathew M J

## Data Analyst

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📍 Bangalore, India

Data Analyst with 6 months of hands-on experience in Monitoring & Evaluation (M&E), proficient in Python, R, SQL, Excel, and Power BI. Skilled in analyzing program data, tracking performance indicators, and generating 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

**Key Technical Skills:** Data analysis using Power BI and Advance Excel

#### 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 Analysis

- Power BI
- Advance Excel

Operating Systems

- Windows
- Linux
- MacOS

Programming

- Python
- R Programming

Data Management

- SQL

Data Cleaning and Processing

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

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
  - Sudoko
  - Basketball
- Chess
  - Rubix Cube

LANGUAGES

- English
  - Tamil
- Kannada
  - Hindi
- Malayalam