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

Key Contributions:
- 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

Time Management
- Handling multiple datasets or reporting tasks under tight deadlines

Communication
- Explaining data insights to non-technical audience.

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