

Kautum Krishnan Panjalaraja

Data Analyst

London · Available on course completion · Graduate Route right to work, no sponsorship needed
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Profile

MSc Data Science at King's College London, working in SQL, Python and Tableau. I turn messy, multi-source data into decisions people can act on, and I check whether a result is actually true before I report it. My dissertation found that an entire field had been testing its models the easy way, and I have designed and shipped a small web product of my own.

Selected Work

Making Hidden Costs Visible: the Global Seafood System

Python · pandas · Tableau · Matplotlib

2026
Coursework, KCL

- Merged 13 datasets from the FAO, Our World in Data and two labour indices into one pipeline.
- Built an interactive Tableau workbook of G20 trade risk by importer and origin country.
- Charted sustainable fish stocks falling from 90% to 62% between 1974 and 2021.
- Recorded every rejected encoding and its reason, including a Sankey that hid absolute magnitude.

Cyberattack Detection and Prediction Leveraging Large Language Models

Python · scikit-learn · pandas · PyTorch

2026
MSc dissertation, KCL

- Found the field's standard evaluation leaks the answer, honest macro-F1 0.61 against a published 0.90.
- Rebuilt the test to hold out whole attacker machines, which reversed the ranking of the two detectors.
- Tested language models in three roles across ten families and reported that all three lost.

md creative: AI Campaign Generator

Next.js · TypeScript · Groq · Vercel

2026
md-creative.vercel.app

- Read a job posting as a content problem rather than a chatbot one, then shipped it solo in a week.
- Chose gpt-oss-120b over Llama 3.3 70B after comparing their output head to head.
- Built browser-side image compositing after paid image-to-image APIs proved too expensive.

Experience

Celcom Solutions

AI Intern

Mar 2025 – Jul 2025
Chennai, India

- Built a retrieval chatbot in n8n that automated the RFID employee monitoring reports.
- Cut manual reporting time by 60% once the team adopted it.
- Validated output against several document formats before anyone was allowed to rely on it.

Finstein Advisory Service

AI Intern

Jan 2025
Chennai, India

- Ran exploratory analysis and feature engineering across their structured financial data.
- Turned the model comparison into recommendations the team could act on directly.

Technical Skills

Querying

SQL · Python · Java

Analysis

Statistical modelling · Exploratory analysis · Feature engineering · pandas

Visualisation

Tableau · Matplotlib · Seaborn · Narrative visualisation

AI and tools

scikit-learn · PyTorch · RAG pipelines · Git · Jupyter · n8n

Education

King's College London

MSc Data Science · Data Visualisation and Storytelling, Database Management, Statistics for Finance

Sep 2025 – 2026
London, UK

Vellore Institute of Technology

BTech Computer Science, AI and Robotics · CGPA 8.21/10.0

2021 – 2025
Chennai, India