

# THIRUMURUGAN KUMAR

Villejuif, France +33 06 05 52 73 58

rishithiru1998@gmail.com | GitHub: thirurishi | LinkedIn: thirumurugan-kumar

Data Analyst graduate student at EPITA specializing in business intelligence, KPI analysis, and data-driven decision support. Experienced in transforming structured datasets into actionable insights using SQL, Python, and Power BI. Strong ability to analyze performance trends, build executive dashboards, and support strategic decision-making through clear and structured reporting.

## TECHNICAL SKILLS

- Programming:** Python (Pandas, NumPy), SQL
- Data Analysis:** EDA, Data Cleaning, Feature Engineering, Statistical Analysis
- Visualization:** Power BI, Tableau, Dataiku
- Databases:** PostgreSQL, SQLite, MongoDB
- Tools:** Microsoft Excel, Apache Airflow

## EXPERIENCE

### Android Application Development Intern

Dec 2022

National Small Industries Corporation (NSIC)

- Applied structured problem-solving and data handling techniques in real-world development projects.
- Strengthened analytical thinking and debugging skills through implementation-focused tasks.

## PROJECTS

### Global Sales Performance Analysis & Executive Dashboard

2026

- Analyzed 9,994+ global retail transactions to evaluate key KPIs including revenue, profit margin, average order value, and regional performance.
- Conducted SQL-based business analysis to identify underperforming categories, loss-making products, and the impact of discount strategies on profitability.
- Designed a two-page Power BI executive dashboard enabling management to monitor performance trends and support data-driven strategic decisions.

### Employee Performance & Attrition Analytics

2025

- Analyzed 5,000+ HR records to identify key factors influencing employee performance and attrition trends.
- Performed data cleaning, feature engineering, and statistical analysis to generate HR-focused KPIs and workforce insights.
- Developed interactive dashboards to support HR decision-making and reduce manual reporting effort by 60%.

### News Classification & Content Pattern Analysis

2025

- Processed and analyzed 10,000+ news statements to identify linguistic patterns and classification trends.
- Conducted exploratory data analysis and feature analysis to improve interpretability and model evaluation metrics.
- Built analytical interface to visualize prediction distribution, data trends, and historical classification performance.

## EDUCATION

### Master's in Computer Science – Data Science & Analytics

2024 – 2025

EPITA, France

### Bachelor's in Information Technology

2020 – 2024

St. Joseph's College of Engineering, India

## CERTIFICATIONS

- Python – IIT Bombay
- Advanced Google Analytics – Google
- BEC Vantage – Cambridge University Press

## ACHIEVEMENTS

- Runner-up – Conocithon 2021 (IEEE)
- Finalist – Darkathon 2022

## LANGUAGES

English (C1) | French (A2) | Tamil (Native)