

Essivi (Esse) Komlanvi

Minneapolis, Minnesota | 952-292-4410 | essiviessenam.komlanvi@gmail.com

AI & Data Strategy | Business Intelligence | Digital Transformation

Turning complexity into clarity and insight into action

PROFESSIONAL SUMMARY

AI-focused IT consultant and data strategist with extensive experience leading analytics, automation, and transformation projects. Skilled in delivering scalable solutions that enhance decision-making, operational efficiency, and user adoption. Hands-on with LLMs, RPA, NLP, and traditional ML. PRINCE2 certified.

SELECT ACCOMPLISHMENTS

- **Public Sector Transformation:** Digitized accounting systems for 200+ Italian municipalities using SQL and Python, reducing manual workload by 40%, increasing compliance, and improving customer service delivery.
- **AI for Social Impact - Nuse:** Founding and leading the development of a voice-driven prototype that integrates SQL, AI (NLP, RPA, LLM), and Power BI to support financial tracking, literacy and microfinance access for women entrepreneurs in West Africa.
- **Predictive Modeling:** Built R-based risk models at Generali, reducing portfolio risk by 15% and supporting €138M in reinsurance profits.
- **Higher Ed Analytics:** Developed Power BI dashboards for executive reporting at the University of St. Thomas; decreased reporting turnaround from 3 weeks to 1 and increased efficiency by 30%.
- **Platform Optimization:** Implemented data-driven user engagement strategy, increasing student platform usage by 29% and multiplying shared content 4x.

RELEVANT SKILLS

Analytics & Visualization: SQL, Python, R, Alteryx, Forecasting, Predictive Modeling, A/B Testing, Power BI, Tableau

Project Management: PRINCE2 Certified, Requirements Gathering, Business Case Development, Stakeholder Engagement

AI & Automation: GPT-4, LLM Prompt Engineering, Python Automation, Power Automate, RPA, NLP, Text Classification, API Integration

Domains: Public Sector, Insurance, Higher Education, Social Impact Analytics.

Business & Strategy: Project Management - PRINCE2 Certified, Change Management, Requirements Gathering, Business Case Development, Stakeholder Engagement, Data Strategy, KPI Reporting, Business Intelligence.

PROFESSIONAL EXPERIENCE

GRADUATE BUSINESS OPERATIONS ANALYST | DATA-DRIVEN DECISION SUPPORT

Jul 2024 - Present

University of St. Thomas | St Paul

The largest private University in Minnesota ranked in 2025 as a 'Top National University' and 'Best Value School' by U.S. News and World Report

Engagement metrics | Dashboards | Forecast Models

- Built Power BI dashboards for scorecard reporting; improved decision-making speed by 30%.
- Analyzed user engagement data and implemented improvements based on trend analysis, boosting platform use by 29%.
- Delivered automated reports in support of institutional compliance and strategic objectives.

SENIOR IT CONSULTANT - PA | ACCOUNTING SYSTEM DIGITALIZATION

Nov 2017 – Jul 2024

Insiel SpA | Trieste

Digital Transformation | SQL Automation | Public Sector Financial Systems

- Acted as a subject matter expert on public sector accounting systems, troubleshooting errors, supporting implementations, upgrades, and audits.
- Developed forecasting tools and dashboards, reducing monthly close by 2 days.
- Led cross-functional training sessions (500+), mentored junior consultants, and created comprehensive user manuals, technical documentation, and training materials.

ACTUARIAL ANALYST - LIFE REINSURANCE | MULTI-COUNTRY PROGRAM MANAGER Aug 2015 - Dec 2016
Generali SpA | Trieste
Global insurance and reinsurance group managing diverse international portfolios.

Reinsurance Pricing | Predictive Modeling | Regulatory & Risk Analysis

- Managed reinsurance programs for Generali entities in Argentina, Belgium, and France, supporting treaty design, risk transfer analysis, and local regulatory alignment.
- Built predictive models using R, reducing portfolio risk by 15% and informing global pricing strategy.
- Automated reporting workflows, improving actuarial submission accuracy and supporting €138M in reinsurance profit.

PROJECTS

Nuse, Founder

- Developing a voice-driven platform to empower women entrepreneurs in the emerging markets.
- Using GPT-4 with prompt chains, Python automation, and NLP to classify voice inputs and return actionable insights.
- Integrating Google Sheets and Power BI for tracking and visualization.

Cart-to-Purchase Analysis, [GitHub](#)

- Evaluated multiple predictive models (Random Forest, Logistic Regression, Decision Tree) to forecast cart-to-purchase conversions; selected Random Forest (AUC = 0.993) to guide marketing strategy and recover \$239K in lost revenue.

LEADERSHIP & ACTIVITIES

President, Graduate Business Student Association Aug 2024 - Present

- Lead career analytics initiatives to support graduate business students in career and leadership development.

Basketball Coach, Valley Athletic Association Jan 2025 - Present

- Coach and mentor basketball players, promoting confidence, teamwork, and overall wellness.

EDUCATION

Master of Science | Business Analytics | GPA 3.96 Expected Graduation Dec 2025
University of St. Thomas

Bachelor of Science | Mathematics
Università degli Studi di Trieste