

VIRGINIA LEVY ABULAFIA

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AI Governance & BI Specialist | ISO 42001, AI Act Compliance | 25 Years of Operational Leadership

Senior professional with **25 years of proven operational leadership** experience in **high-stakes, highly regulated environments**, recently re-skilled into **AI Governance and Business Intelligence**. My unique value proposition is merging operational rigor with technical expertise: I design **dashboards** and **AI-driven workflows** that transform complexity into measurable, compliant business decisions.

Specialized in creating **compliance-by-design systems** aligned with the **EU AI Act** and the **ISO/IEC 42001:2023** standard. Proficient in **Python, SQL, Tableau/Power BI, and Agentic AI** implementation. Seeking **AI Governance Analyst** or **BI Specialist** roles in regulated sectors (LawTech, Pharma).

Technical Stack & Governance

Languages & BI: Python (Michigan Cert.) · SQL · R · Tableau · Power BI · MS Excel

AI & Governance: Agentic AI (Vanderbilt Cert.) · LangChain · AI Act · ISO/IEC 42001 · Prompt Engineering

Core Skills: Data Cleaning · Validation · KPI Design for Regulated Sectors · Data Storytelling

Certifications

- *Google Business Intelligence Professional Certificate* - Google
- *AI Agents & Agentic AI in Python* - Vanderbilt University
- *Generative AI Data Analyst* - Vanderbilt University
- *IBM Data Science Professional Certificate* - IBM
- *Python for Everybody Specialization* - University of Michigan

Selected Projects & Tools

- **AI Micro-Agents for SMEs and Legal Practice - Lexie (Agentic AI) for Compliance** (GDPR/AI Act/ISO 42001 Documentation): AI Micro-Agent designed to assist legal professionals and SMEs with compliance risk analysis and automated documentation generation in line with the AI Act and ISO 42001 frameworks. (*Python, LangChain, Generative AI*)
- **Falcon 9 Landing Prediction** - Machine learning model supporting cost estimation for rocket launches. (*Python, Pandas, NumPy, Plotly, Dash*)
- **Design for Desire** - Data-driven cultural research on sex toy market trends and behavioral segmentation. (*Python, Web Scraping, Data Visualization*)
- **25 Years at BLQ** - KPI and traffic analysis for Bologna Airport, focused on delays, CO₂ emissions, and post-COVID recovery. (*Python, Excel, Plotly, Dash*)
- **Wine Data Analysis** - Comparative study on physicochemical attributes and quality indicators. (*Python, R, Statistical Analysis*)

Work Experience

- **Strategic Portfolio Manager (Data, BI, & AI Governance) 2024- Present**

Design, coordination, and development of Business Intelligence and Agentic AI solutions for compliance and process optimization ([See Projects](#)).

- **Retail Research & Consumer Analysis - Beate Uhse Group 2023-2024**

- **Airport Operations & Data Management Specialist - Bologna Airport 2000-2023**

Managed passenger and ramp operations in a highly regulated context.

Handled back-office data reporting, dispatch coordination, and KPI tracking for service performance.

Mentored new team members, promoting best practices in safety, process optimization, and data accuracy.

Languages

Spanish: Native · **Italian:** Fluent · **English:** Fluent · **French:** Intermediate