

Contact

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Top Skills

Cloud Computing

Presentation Skills

Project Management

Certifications

Databricks Fundamentals

LangChain Chat with Your Data

LangChain for LLM Application Development

Johnson & Johnson Design Thinking Challenge

GenAIBIZ

Honors-Awards

2021 New England Scholar

2022 Babbage Scolar

ASA Datafest Best Statistical Insight

Giovanni Lunetta

Technology LDP Analyst at Johnson & Johnson

Pompton, New Jersey, United States

Summary

I am a data scientist passionate about solving complex problems at the intersection of technology, healthcare, and human behavior. I hold an M.S. in Data Science and a B.A. in Statistics & Political Science (Math minor) from UConn.

At Johnson & Johnson (TLDP, Data & Decision Science), I've shipped clinician-preference modeling with executive dashboards, led a production document-intelligence (GenAI/RAG) platform (embeddings + hybrid retrieval, schema-validated extraction) as product owner, delivered specialty-therapy analytics (HCP segmentation & treatment-pattern insights), piloted Microsoft Copilot/Power BI use cases, and advanced multi-account AWS cost visibility with self-serve dashboards.

I'm deepening expertise in AWS, Tableau/Power BI, and product management to maximize impact across technical and strategic domains. I'm always excited to connect with professionals who care about data, innovation, and real-world outcomes—let's connect!

Experience

Johnson & Johnson

Technology LDP Analyst

June 2024 - Present (1 year 6 months)

Raritan, New Jersey, United States

•Pre-Surgical Config Insights (Preference Modeling): Led pre-surgical preference modeling using Fuzzy C-Means clustering and rule-based logic to streamline configuration planning; deployed insights via Tableau dashboards for clinical decision support.

•Document Intelligence Platform (GenAI/RAG): Owned and built a Document Intelligence GenAI platform using hybrid retrieval (pgvector + BM25), LLM agents for schema-based extraction, and markdown/image optimization—enabling faster, more reliable answers at lower cost.

- HCP Segmentation & Treatment Pathway Analysis: Developed HCP segmentation using K-Means clustering and treatment-pathway analysis to improve provider targeting and inform commercial strategy.
- Microsoft 365 Copilot Program (Product Operations): Automated Microsoft 365 Copilot license lifecycle with Python and Excel macros, enabling data-driven usage analytics and boosting program adoption.
- AWS Cost Optimization (FinOps): Standardized AWS cost attribution and created FinOps dashboards, partnering with owners to drive rightsizing and cost savings.

Johnson & Johnson
Technology Intern
May 2023 - August 2023 (4 months)
Titusville, New Jersey, United States

- Built a machine learning model to predict patient drug eligibility 6 months ahead, improving doctor outreach targeting.
- Analyzed healthcare claims data and applied advanced data science techniques to optimize pharmaceutical processes.
- Partnered with the Data Insights team to integrate generative AI, reducing manual workflows and supporting data-driven decisions.

Education

University of Connecticut
Master's degree, Data Science · (August 2023 - June 2024)

University of Connecticut
Bachelor of Arts - BA, Statistics & Political Science · (September 2020 - May 2023)