

# Audrey (Eaindra) Tin Latt

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## Objective

Data Management Analyst with extensive experience in designing, testing, and maintaining data solutions. Skilled in ensuring data integrity, security, and governance while promoting effective data literacy and automation. Seeking to leverage expertise in Azure Synapse, Microsoft Purview, Power BI, and DevOps to support data-driven decision-making, mentor junior analysts, and continuously improve data products in alignment with organizational goals.

## Technical Skills

- **Data Solutions & Modeling:** Data architecture, metadata management, SAP PowerDesigner, Power BI, Power BI Paginated Reports, Azure Synapse, Microsoft Purview
- **Databases & Reporting:** SQL (SSMS), Oracle, SSRS/Crystal Reports, SAP, PostgreSQL, Snowflake
- **Programming:** Python, JavaScript, Scala, MATLAB, C, DAX, M Query
- **DevOps & Automation:** Git, Jenkins, Jira, BitBucket, CI/CD pipelines, regression testing
- **Cloud Technologies:** Azure, AWS, GCP (focus on storage, security, servers, networking)
- **Data Governance & Security:** Role-based access controls, compliance standards, data cataloging
- **Training & Leadership:** Instructor-led sessions, documentation, mentoring junior analysts, promoting data literacy
- **Machine Learning:** Neural Networks, TensorFlow, PyTorch, Scikit-learn, model deployment

## Professional Experience

### Data Management Analyst

November 2024 – Present

*University of South Florida, Office of Decision Support, Tampa, FL*

- Collaborate with end-users to design, test, and maintain curated data products that meet business requirements for reporting and analytics.
- Lead operational reporting across the university (200+ complex reports), ensuring data accuracy, integrity, and compliance with governance and security standards.
- Implement and manage data solutions in Power BI; monitor performance, automate workflows.
- Champion data literacy by creating instructional materials, and conducting training to end-users on best practices in data usage.
- Oversee the migration of SAP reports to Power BI Paginated Reports by testing and creating solutions to streamline process
- Ensure data solutions adhere to organizational quality, security, and access control policies through careful design, metadata management, and ongoing support.

### Technology and Systems Analyst

October 2023 – November 2024

*University of South Florida, Tampa, FL*

- Developed complex semantic data models to support analytics from various data sources, e.g. Dynamics 365, Dataverse, -integrating Power BI dashboards for data-driven decision-making.
- Improved data governance and security by implementing role-based access controls and ensuring compliance with organizational standards.
- Created Internation Student evaluator app and documented DevOps processes, including automated testing and dependency management, for smoother deployment and maintenance of data solutions.
- Facilitated training and enablement sessions to promote data literacy, showcasing visualizations and storytelling techniques for internal stakeholders.

### Software Engineer (Odoo ERP Management and D365)

Dec 2018 – June 2023

*Sein Diamond Paints, Remote*

- Led ERP migration projects to Odoo and Dynamics 365, integrating cloud-based solutions and ensuring adherence to data integrity and security protocols.
- Developed custom analytics reports and dashboards, providing stakeholders with actionable insights to drive operational improvements.
- Deployed automated ETL pipelines for inventory management, reducing manual errors and increasing data reliability.

## Machine Learning Projects

### Predicting 2024 Presidential Elections

Spring 2024

*Drexel University, CS613-900 Final Project*

[View Presentation](#) — [Read Paper](#)

- Designed a neural network model with 86% accuracy by integrating geospatial and economic data.
- Utilized advanced feature engineering and data processing techniques to optimize model performance.

### Improving Text-to-Image Generation with Enhanced Contextual Understanding

*Conceptual Development Phase*

- Researched diffusion models and Transformer-based architectures to improve AI-driven image generation.
- Evaluated model performance using FID, IS, CLIP Score, and DreamSim for robust output quality.

## Education

### Drexel University, Philadelphia, PA

Expected June 2025

*Master of Science in Computer Science*

GPA: 3.91

### Drexel University, Philadelphia, PA

Graduated June 2023

*Bachelor of Science in General Studies*

## Certifications

Google Foundations of Project Management, Coursera, 2023