

EDGAR F. DIOMANDE

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LEAD SENIOR DATA & ANALYTICS ENGINEER

Data Engineering | Modern Data Stack | Business Intelligence | Strategic Analytics Leadership

Results-driven and versatile Lead Senior Data & Analytics Engineer with over a decade of experience architecting scalable data solutions for Fortune 500 clients and government agencies. Proven track record of leading technical teams and delivering high-impact analytics systems that drive operational efficiency across technology, defense, and financial services sectors. Expert in real-time data processing, automated reporting frameworks, and translating complex business requirements into robust technical solutions — including full internal business applications on the Microsoft Power Platform — that support strategic decision-making.

SECURITY CLEARANCE

- **Secret Clearance** – Feb 2023 – Present

CORE COMPETENCIES

Team Leadership | Mentoring & Development | Stakeholder Management | Project Management | Change Management | Finance Transformation | Data Architecture | ELT/ETL Pipeline Design | Real-Time Analytics | Data Quality & Validation | Data Governance | Modern Data Stack | Cloud-Native Solutions | Scalable System Design | Performance Optimization | Automated Reporting | Advanced Analytics | Business Intelligence | Self-Service Analytics | Dashboard Development | Data Visualization | Low-Code Application Development | Requirements Analysis | Process Improvement | Cross-Functional Collaboration | Languages: French (Native), English (Fluent)

TECHNICAL PROFICIENCIES

Cloud Platforms: Google Cloud Platform | Microsoft Azure | AWS | Azure Data Lake | Azure Synapse Analytics | Azure Data Factory

Analytics & BI Tools: Microsoft Fabric | Power BI Governance & Administration | Semantic Model Design | Workspace & Dataflow Management | Looker | Google Analytics | Tableau | TIBCO Spotfire | Advanced DAX | Custom Dashboard Development | Media Analytics | Financial Analysis

Power Platform: Power Apps (Canvas) | Dataverse Data Modeling | Power Fx | Power Query | Power Automate | Power Pages (integration) | AppSheet

Databases & Data Systems: SQL Server | Oracle Analytics Cloud | PostgreSQL | BigQuery | SAP | Quickbase | TOAD | Greenplum Star Schema Design

Programming & Development: Python | SQL Optimization | Power Query | Power Apps | AppSheet | R | SAP BPC | Process Automation | Version Control

Specialized Skills: Financial Systems Integration | Government Compliance | Secret Clearance | High-Frequency Data Processing

PROFESSIONAL EXPERIENCE

SENIOR DATA & BUSINESS INTELLIGENCE ENGINEER / POWER PLATFORM DEVELOPER

The Judge Group - Wesco | Remote

2026 – Present

Engaged as a senior data and BI engineer modernizing enterprise customer request management on the Microsoft Power Platform, migrating legacy QuickBase workflows to a Dataverse-backed application ecosystem spanning an internal Canvas app and a customer-facing Power Pages portal.

- Architected and delivered a multi-screen Power Apps Canvas application on Microsoft Dataverse for enterprise customer request management (RFQ, quality/damage returns, expedite, and material pickup), integrated with a customer-facing Power Pages portal sharing a common Dataverse environment.
- Designed the Dataverse relational model in partnership with the solution architect, defining parent-child hierarchies across request, quote log, line item, supplier quote, and annotation entities, including polymorphic lookup relationships and choice-column status workflows spanning internal and customer-facing states.

- Established application-wide state management standards distinguishing staged local persistence from immediate write operations, eliminating orphan record creation on abandoned submissions and ensuring transactional integrity across parent-child record chains.
- Engineered multi-screen request intake with modal line-item capture, lookup and choice-column resolution, and dynamic read-only state control, authoring the Power Fx validation and error-handling logic enforcing data integrity at point of capture rather than downstream remediation.
- Built Power Automate flows orchestrating event-driven integration between the internal Canvas application and the customer-facing Power Pages portal, triggering automated email notifications on request receipt, note exchange, and attachment submission, eliminating manual status communication between internal staff and external customers.

LEAD SENIOR ANALYTICS ENGINEER

Deloitte | Atlanta, GA

2021 – 2025

Led data transformation initiatives for high-profile clients across technology, government, and financial sectors with Secret Clearance since February 2023. Partnered with leadership to define Power BI roadmap, governance standards, and workspace automation for 300+ users across global teams. Designed and implemented scalable data pipelines and automated reporting frameworks for multi-billion-dollar programs while serving as Subject Matter Expert. Collaborated with cross-functional teams to analyze workflows, identify inefficiencies, and develop data solutions that support strategic decision-making.

- Technology/Telecommunications Client: Led \$20B+ global data center cash flow reporting workstream, automating workflow with Google Cloud, BigQuery and Looker, reducing processing time from 15 hours weekly to under 2 hours.
- Department of Justice: Led the deployment of a real-time reporting system utilizing Microsoft Azure, integrating pharmaceutical data to decrease consolidation time by 15 hours per week and enhance system throughput by 30%. Additionally, Power BI dashboards removed 20 hours of manual processing each week.
- Department of Defense: Developed secure analytical models and data ingestion pipelines on Microsoft Azure, facilitating real-time insights through advanced Power BI dashboards for \$2.5B in DoD obligations. Enhanced the reporting cycle, reducing it from 14 days to 7 days.
- Retail Client: Led enterprise Power BI governance framework (workspace management, row-level security, usage monitoring) enabling standardized analytics for \$50 million inventory management, reducing discrepancies by 20% and preventing \$1 million in annual losses through automated reporting and training 300+ end-users.
- Banking/Pharmaceutical Clients: Partnered with executives to define KPI strategy and designed scalable ELT pipelines in Azure, reducing data integration time by 40%, and leading identity risk management initiatives by reducing risk exposure by 20% and saving \$500K annually.

SENIOR ANALYTICS ENGINEER

Capgemini NA | Atlanta, GA

2020 – 2021

Managed complex data migration and system consolidation projects for telecommunications, medical technology, and aviation clients. Led cross-functional teams in implementing next-generation architectures and developing data visualization solutions. Worked with stakeholders to ensure seamless integration and achieve high customer satisfaction rates.

- Telecommunications Client: Consolidated multiple legacy systems into next-gen Oracle architecture, reducing system errors by 30% and managing market segment data migration achieving 25% improvement in order accuracy with 95% customer satisfaction.
- Medical Technology Client: Designed data migration strategies for SAP implementation, resulting in 20% reduction in migration errors and 15% improvement in financial reporting accuracy.
- Aviation Client: Served as SME for data visualization initiatives using Power BI, orchestrating ELT processes that reduced data preparation time by 12 hours weekly and training 200+ end-users with 80% adoption increase.

ANALYTICS ENGINEER

Capgemini NA | Atlanta, GA

2018 – 2020

Executed critical data engineering and analytics projects focused on system migrations and advanced data visualization implementations. Cultivated technical expertise in Oracle environments and sophisticated visualization tools while supporting mission-critical business operations. Collaborated with telecommunications and technology clients to deliver seamless system transitions and enhanced data accessibility.

- Contributed to telecommunications system consolidation achieving exceptional 95% customer satisfaction rate.

- Enhanced data integration processes and facilitated seamless migration to Oracle Order & Service Management system.
- Improved financial reporting accuracy by 15% through strategic balance sheet, P&L template design and Power BI dashboard for SAP migration.

FINANCIAL ANALYST

Tuskegee University | Tuskegee, AL

2015 – 2018

Analyzed complex grant budgets and expense activities across multiple university departments while managing critical account reconciliations and financial reporting processes. Enhanced accuracy of general ledger reports and streamlined reconciliation procedures to optimize operational efficiency. Collaborated with department heads to ensure compliance with financial regulations and reporting standards.

- Achieved 20% reduction in financial reporting errors through enhanced analysis of grant budgets and expense activities.
- Streamlined account reconciliation processes, improving general ledger accuracy and reducing reconciliation time by 30%.

CERTIFICATIONS

AWS Certified Cloud Practitioner | Professional Scrum Master I (PSM I)

EDUCATION

Bachelor of Science, Finance

Auburn University | Auburn, AL