

# Victor David Dector Ramirez

Industrial DataOps & AI Architect | Operational Intelligence (BI) | Data-Driven OpEx | Digital Transformation Execution

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## Best-fit Roles

- Operational Intelligence Lead (Manufacturing BI / Ops Analytics)
- Digital Manufacturing Transformation Lead (Paperless / Traceability / Execution)
- Industrial DataOps & Data Governance Lead (Operations / Manufacturing)

## Executive Summary

I build audit-ready Operational Intelligence systems (dashboards, evidence-capture apps, automation, governance) to convert shop-floor data into decision signals and sustained execution. I connect strategy and execution by defining KPIs with operational definitions, owners, cadence, and reproducible evidence (if it does not trigger action or cannot survive audit scrutiny, it is decoration). Background: regulated medical manufacturing; delivering outcomes across Operations, Maintenance, Continuous Improvement, and Supply Chain using Power Platform, Domo/Power BI, Oracle, and Microsoft 365.

## Impact Highlights

- DHRS cycle time: 30 min -> 5 min (standardized workflow + monitoring).
- Maintenance: PM 100% digital, traceable, audit-ready; admin time reduced by >40% (dashboards + automation).
- Tool Crib: 5S + visual management; discrepancies reduced by >25% (physical vs digital alignment).
- Supply chain: multi-source visibility to reduce shipping errors and strengthen coordination.

## Experience

**Professional Growth Break** | Tijuana | Apr 2025 - Present

Focus: Smart Manufacturing (4.0/5.0), OT/IT readiness, AI engineering (DL & MLOps), Industrial DataOps, and Operational Decision Intelligence.

**Merit Medical Tijuana** | Full-time | Tijuana, MX | 9y 10m

**OPEX Technician II** | Dec 2021 - Mar 2025

- Delivered cross-functional apps + dashboards (Operations / EHS / Planning / CI-OPEX / Workforce enablement) with Power Platform + Domo/Power BI.
- Lean execution: VSM, packaging layout redesign, eWork, visual management (results-driven).
- Supply chain visibility dashboard consolidating multiple sources to increase reliability and reduce shipping errors.

**Maintenance Technician II** | Nov 2020 - Dec 2021

- Administered Blue Mountain (EAM) and digitized PM execution to remove paper and raise audit readiness (traceability end-to-end).
- Maintenance analytics in Domo for PM/CM: real-time visibility; admin workload reduced by >40%.

**Earlier progression:** Data Entry / Documentation (Jun 2020 - Nov 2020) | Data Entry + Assistant Leader (Jun 2018 - Jun 2020) | Production Operator -> Data Entry (Jun 2015 - Jun 2018).

Highlights: Oracle traceability + BI visibility; support across 10+ lines; DHRS improvement (30 min -> 5 min) and training 5+ data clerks.

## Systems Shipped (NDA-friendly)

- Evidence-capture apps: inspections (5S / EHS), production hour-by-hour, service requests, kiosks/self-service workflows.
- Dashboards (Domo / Power BI): maintenance PM/CM, supply chain visibility, executive reporting + drill-down.
- Paperless execution controls: work order traceability and audit-ready evidence trails.

## Operating Model (Analytics-to-Action)

Diagnostic (1-2w) -> MVP (2-6w) -> Scale (quarter): process map, baseline KPIs, KPI dictionary, governance-ready specs, dashboards/apps/flows, adoption cadence, owners, and evidence trail.

## Skills & Tools

Top: Data Engineering; Business Intelligence (BI); Digital Transformation; Digital Leadership; Data-Driven Decision Making. Plus: KPI systems, data governance, stakeholder/change management, Lean Six Sigma, systems design, OT/IT mindset, AI regulation & ethics.

Stack: Power Platform (Power Apps); Power BI; Domo Analytics; Oracle; Microsoft 365; Blue Mountain (EAM); Monday.com; SQL; Python; Apache Spark; Scala; Hadoop; cloud fundamentals.

## Education

- Hybridge Education - Artificial Intelligence Engineering (Mar 2025 - Apr 2028) | RVOE 2960 | Deep Learning & MLOps | LATAM community + solution-building events.
- KeepCoding - Big Data/DS/AI/ML Full Stack Bootcamp (May 2024 - Apr 2025) | 740h | Spark/Scala/Python | ML deployment.
- Nuclio - Master's in Data Science & AI (Oct 2023 - Sep 2024) | Python/SQL | GenAI/LLMs.
- IEBS - Master's in Industry 4.0 (Oct 2023 - Jun 2024) | Smart Factory | IoT | RPA | Lean.
- Club Power Platform (Xerppa) - Microsoft Power Platform Developer (Nov 2022 - Nov 2023).
- TECH Universidad - MBA BI (Apr 2025 - Apr 2026) | MBA Digital Transformation & I4.0 (Sep 2024 - Sep 2025).
- CEUPE - Master's in Artificial Intelligence (Apr 2025 - Apr 2026).
- ENEB - Master in Big Data & BI (Jan 2024 - Oct 2025).

## Certifications & Credentials (17)

Creation of AI Agents (IEBS, Feb 2026, ID f055c49604d406a171cdc082b1986d22); Successfully Leading a Remote Team (CEUPE, Feb 2026); Business Intelligence & Analytics (Universidad de Palermo, Feb 2026, ID B51EWX3YMDDV); Lean Startup Methodology (CEUPE, Jan 2026); Artificial Intelligence in Business (CEUPE, Jan 2026); No-Code Program: No-Code and Low-Code (CEUPE, Jan 2026); Business Innovation (CEUPE, Jan 2026); Artificial Intelligence and Mechatronics (CEUPE, Jan 2026); Agility and Digital Transformation in Your Team (CEUPE, Jan 2026); Inteligencia Artificial: Interacciones y prompts (Universidad de Palermo, Jan 2026, ID IPNTQIK4ILOA); Master's in Artificial Intelligence (CEUPE, Jan 2026); Introduction to AI (Google, Dec 2025, ID 6KPNN30DPXS7); IBM Z Day 2025 - AI & Data (IBM, Dec 2025); Databricks Fundamentals (Databricks, Oct 2025, ID 163439491); Master's in Data Science and Artificial Intelligence (Nuclio, Sep 2024); Introductory Course in Full Stack Development (Nuclio, Sep 2024); Domo Student Certification (Domo, Apr 2024 - Apr 2025).

## ATS Keywords (Director/Lead filters)

**Domains:** Operational Intelligence, Operations Analytics, Manufacturing BI, Data-Driven OpEx, Maintenance Analytics, Supply Chain Visibility, Regulated Manufacturing.

**Methods:** KPI design, operational definitions, baseline analysis, 5S, visual management, VSM, workflow digitization, change management, stakeholder management.

**Data/AI:** Data Engineering, Data Governance, Data Architecture, Data Quality, SQL, Python, MLOps, ML, DL, NLP, LLMs, GenAI, AI Agents.

**I4.0/5.0:** Smart Manufacturing, OT/IT, IoT, RPA, robotics literacy, decision intelligence.

**Platforms:** Power Apps, Power BI, Domo, Oracle, Microsoft 365, Blue Mountain (EAM), Monday.com, Spark, Scala, Hadoop.