

Sandra Fries Elovitz

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SENIOR PROCESS ENGINEER • DATA QUALITY & GOVERNANCE LEADER

Results-driven leader with 15+ years across process engineering, data quality, governance, and analytics. Guides cross-functional teams from concept through commissioning/operational readiness, sets engineering and quality standards, and delivers measurable gains in throughput, reliability, and cost. Remote-first collaborator with a strong safety and ESG mindset.

CORE STRENGTHS

- Process design from concept → commissioning/operational readiness; SOPs, acceptance criteria, runbooks
- Optimization & debottlenecking; control plans; KPI trees; statistical/process controls
- Risk & safety methods: PHA-style reviews, FMEA, What-If; RCA (5-Whys, fishbone); change control
- Cross-discipline leadership with operations, engineering, compliance, finance, vendors
- Data & governance: traceability, audit readiness, policy→standard→procedure chain, documentation clarity
- Remote leadership: written-first decisions, issue taxonomies, decision logs, async collaboration

EXPERIENCE

Senior Data Quality Analyst / Process Engineering Lead — UVNV Inc. (Ultra Mobile & Mint Mobile) • Remote | 2024 – Present

- Co-designed and built a DIY process monitoring & data quality platform (Snowflake SQL + Python Snowpark) replacing an off-the-shelf subscription—saving approximately \$50K per month (~\$600K annually) while adding transparency and control (thresholds, runbooks, on-call triage).
- Applied prompt engineering to augment an internal AI assistant (Confluence + Snowflake knowledge), accelerating rule drafting and explanation quality; established prompt patterns, evaluation checks, and governance for safe, reliable outputs.
- Processing performance: for equivalent checks, the in-house engine runs noticeably faster than Collibra DQ in our environment, improving time-to-detect and clearing peak backlogs.
- Centralized, versioned rule repository with clear ownership improved maintainability and reduced duplication/rework; rule drafting is more efficient and consistent across teams.

- Owned standards, SOPs, readiness checks, and incident playbooks for high-stakes data operations; facilitated FMEA/5-Whys RCAs and tied corrective actions to change control and verification.

Senior Quality BI/Reporting — External Affairs, Regulatory & Legislative — AT&T | 2020 – end of Jan-2024

- Created business-critical dashboards for key network build programs, giving executives line-of-sight to milestones, coverage expansion, risk/variance, and funding dependencies.
- Developed state legislative dashboards with geospatial overlays (county/district) to visualize broadband build impacts and underserved regions—supporting transparent, data-driven policy discussions.
- Standardized KPI definitions and governed data pipelines, reducing reporting cycle time and producing audit-ready documentation across multi-release programs.

Senior QA Manager / Process Improvement Lead — AT&T | 2010 – 2020

- Instituted phase-gate criteria and defect containment strategies to reduce escape rates and stabilize go-lives.
- Developed incident playbooks and ran hazard/what-if style reviews for complex releases.
- Directed budgets, schedules, and mentoring for distributed teams; improved time-to-stable operations.

PROJECTS & PORTFOLIO

Your Affordable Mortgage — Privacy-forward mortgage guidance site (Flask + HTML/CSS; email workflow; PWA-ready).

- Features: mortgage tips, personalized recommendations; Android packaging & Play Console setup in progress.
- URL: youraffordablemortgage.com

EDUCATION & CREDENTIALS

B.S., Business Administration — focus on data & process management

Lean Six Sigma — Certified

Data Management Fundamentals — Certified; studying DAMA-DMBOK (Data Governance)

TOOLS & METHODS

- Python (Snowpark), SQL (Snowflake), Flask; Power BI, Microsoft Fabric; Git; Jira/Confluence
- Process mapping (BPMN), SPC concepts, control plans; A3/Kaisen/DMAIC; risk registers; RACI

- Governance & traceability: evidence, lineage, audit-readiness; policy→standard→procedure
- Industrial upskilling: PFD/P&ID interpretation; material & energy balance fundamentals; PHA/HAZOP methodology (familiarity)

REMOTE WORK EXCELLENCE

- Lead distributed teams across time zones with written-first collaboration, decision logs, and crisp documentation.
- Run high-stakes reviews and risk sessions on video with live whiteboarding; publish decisions and action plans within 24 hours.

KEYWORDS / ATS

Process design, operational readiness, commissioning, PHA/HAZOP, FMEA, debottlenecking, SPC, control plans, PFD/P&ID interpretation, risk control, change control, RCA, governance, traceability, ESG, Python, SQL, Snowflake, Snowpark, Power BI, Fabric, SOPs, runbooks, dashboards, remote leadership