

YURY ULASENKA

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SENIOR BI & ANALYTICS ENGINEER | DATA MODELING, SELF-SERVICE ANALYTICS, AND METRICS

Accomplished BI & Analytics Engineer with 15+ years of success delivering decision-grade dashboards, analytical data models, and self-service BI environments in regulated, fast-scaling organizations. Deep expertise in BI development, KPI and metrics design and executive reporting with strong capability in data modeling, ETL, and analytical pipeline modernization. Known for creating an [award-winning AI application](#), managing data projects and delivering end-to-end data products, reporting directly to CFOs and supporting C-suite decision-making through reliable, well-governed analytics systems.

Data Analysis ■ Dashboard Design and Development ■ Data Visualization ■ KPI & Metrics ■ Data Science
Tableau ■ SQL ■ Python ■ AI Tools ■ Data Modeling ■ ETL ■ Data Quality ■ Pipeline Modernization
Team Leadership ■ C-suite & Executive Reporting ■ Cross-Functional Stakeholder Collaboration ■ Requirements Management

PROFESSIONAL EXPERIENCE

Independent | San Francisco, CA

Apr 2024-Present

Product Development & Analytics

Executes independent analytics engineering work during a focused career break, centered on designing and building an original planning application while maintaining and expanding technical depth.

- Designs the application core logic, user flows, and underlying data models to support a future product launch.
- Continues to deepen analytical skills through hands-on work in SQL, Python, AI tools and workflows, and practical machine learning fundamentals.

EPAM Systems | USA

Oct 2010-Apr 2024

Senior BI & Analytics Engineer, Apr 2015-Apr 2024

Contracted across U.S. enterprise organizations to design, rebuild, and scale end-to-end analytical systems, data models, and self-service BI systems in regulated, fast-paced environments.

Selected Client Engagements:

Leading multinational technology company (FAANG) – Cupertino, CA | Jul 2022-Nov 2023

- Co-designed and delivered an end-to-end self-service BI environment supporting 20+ hardware reliability teams and 100+ analytical dashboards across products and time horizons, replacing fragmented pipelines with a unified, trusted analytics layer.
- Led post-migration data QA triage across 20+ teams, resolving high-impact issues and improving trust and adoption.
- Proposed schema and UX enhancements and supported their implementation, improving the corporate data model and internal data platform.

SaaS company – USA (Remote) | Jan 2021-Dec 2021

- Rebuilt and migrated legacy financial reporting pipelines into a new BI environment.
- Designed and built new pipelines, migrating and consolidating legacy ETL logic to deliver clean, reliable data to the new reporting layer.
- Designed and developed new reporting assets used in executive financial planning.

Equifax – USA (Remote) | Jun 2020-Dec 2020

- Recreated and migrated dozens of financial dashboards and data marts, adhering to strict compliance standards.
- Designed a self-service BI framework, reducing ad-hoc reporting requests by 30-40% in 2 months.

Android Developer Challenge – USA (Remote) | Feb 2020-May 2020

- Led design of the recommendation engine and application logic for an [award-winning AI-driven recycling assistant](#), integrating ML outputs with human-defined decisions to deliver a production-ready concept in 4 months.
- Collected information from 150+ sources to build a 600-item decision engine mapping items to recommendations.
- Assisted ML team with supervised labeling and aligned model outputs with the recommendation engine.

McKesson – San Francisco, CA | May 2019-Dec 2019

- Designed a 50+ table scalable data model, reverse-engineering undocumented legacy logic to drive modernization.
- Built a lightweight application emulator covering full UX and logic, removing a major QA/UAT bottleneck.
- Served as primary SME for legacy data and business rules, shaping requirements for the new platform.

Leading social network company (FAANG) – Menlo Park, CA | Jan 2019-Apr 2019

- Led and mentored a 3-person Tableau dev team to deliver operational KPI dashboards and supply chain metrics.
- Reimplemented critical Python ETL logic in SQL, accelerating analytics delivery and simplifying maintenance.

Healthcare insurance provider – Nashville, TN | Apr 2018-Dec 2018

- Led a 4-person BI team to design and implement a BI self-service framework for a 30+ person business team.
- Identified systemic data quality issues and led data transformation, modeling, and governance, ensuring reliable analytics.

Leading healthcare insurance provider – Windsor, CT | Mar 2017-Mar 2018

- Led a 4-person data modeling team, reverse-engineering and redesigning an 80-100+ table legacy schema.
- Contributed to a large-scale custom Master Data Management platform supporting billions of transactions monthly.
- Identified and resolved data modeling bottlenecks, improving communication processes and cross-functional delivery.

CoreLogic – San Diego, CA | Sep 2016-Dec 2016

- Analyzed and optimized complex credit-merge algorithms, improving accuracy, reliability, and regulatory defensibility.
- Led data quality assessments and enforced FCRA compliance across consumer credit reporting pipelines and systems.
- Redesigned a legacy merged credit report in 3 days, meeting FCRA compliance and industry standards.

Leading market research company – Boston, MA | Jan 2016-Sep 2016

- Delivered Tableau discovery POC in 2 days, converting a planned 2-week engagement into a 9-month project.
- Built and integrated a customer-facing analytics portal used by external clients.
- Designed and implemented customer benchmarking logic applying data science, advanced analytics, and statistical analysis, enabling interactive peer-cohort comparisons for external clients.

Senior Financial Analyst, Oct 2010-Apr 2015

Owned and scaled core financial data models, forecasting models, and executive reporting and decision support, directly reporting to the CFO to deliver reliable, decision-grade analytics.

- Rebuilt and automated the corporate financial forecasting model, reducing update cycles by 8x and improving speed, consistency, and auditability of financial data.
- Acted as a strategic partner to the CFO, owning P&L analytics across 60-80+ U.S. accounts, serving as the primary source of truth for revenue and performance inquiries.
- Delivered IPO-critical analytics and reports supporting earnings calls, SEC filings, Board materials, investment decision makers, and audit stakeholders.
- Co-defined KPI logic and reporting structures for SEC disclosure with the CFO, establishing consistent, defensible metrics.
- Built dashboards and analytical tools adopted by Finance and HR teams, enhancing performance monitoring.

Ernst & Young | Belarus | Auditor's Assistant**Jan 2010-Jun 2010**

Supported external audits for 2 of the largest commercial banks in Belarus, analyzing account-level data, evaluating controls procedures, and enhancing audit efficiency through process improvement and automation (VBA macros).

EDUCATION**Master's in Economic Analytics:** Belarusian State University, Belarus, 2011**Passed CFA Level 1 Exam:** CFA Institute, 2011**CERTIFICATIONS****Machine Learning Specialization:** Stanford University (*in progress*)**FCRA (Fair Credit Reporting Act) Certificate Program for CRAs:** Consumer Data Industry Association**Tableau Desktop & Server Qualified Associate Certificates:** Tableau**Certified Microsoft Excel Expert:** Microsoft**TECHNOLOGY****Data Visualization & BI Tools:** Tableau, Looker, TIBCO Spotfire, MicroStrategy, Excel, Power BI**Programming, Analytics & Data Science:** SQL, Python, R, VBA**Databases & Data Platforms:** MS SQL Server, Oracle SQL Developer, BigQuery, Presto, Hive, MongoDB**Collaboration & Delivery Tools:** Git, Jira, Confluence**AI tools:** ChatGPT, Claude (*agentic workflows, process automation, prompt engineering*)