

Kyle Jovanovic

Principal Analytics Engineer

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PROFESSIONAL SUMMARY

Analytics Engineering leader with 8+ years transforming ambiguous, complex datasets into strategic business insights through the modern data stack (dbt, Snowflake, Python, SQL). Proven strategic thought partner to executive leadership, driving cross-functional initiatives across operations, finance, and product teams to optimize efficiency and profitability. Expert in deploying enterprise dbt data models optimized for Snowflake's pricing structure and governed by dbt's semantic layer. Passionate about metric definition, data quality, CI/CD automation, autonomous self-service analytics, and elevating organizational analytics maturity through mentorship and best practices.

TECHNICAL SKILLS

Analytics Engineering:	dbt, SQL (T-SQL, PL/SQL, SnowSQL), Data Modeling, Metric Definition
Data Platforms:	Snowflake, PostgreSQL, MySQL, Oracle Database, SQL Server (SSMS)
Business Intelligence:	Power BI, Tableau, Qlik Sense/Cloud, IBM Cognos, SSRS, Looker (familiar)
Orchestration:	Airflow, Prefect, GitHub Actions, CI/CD Pipelines
Programming:	Python, Regex, Bash, PowerShell

PROFESSIONAL EXPERIENCE

Data Scientist - Data Engineer

PSA BDP | Philadelphia, PA | 2023–2024

Led analytics engineering initiatives for global logistics enterprise, partnering cross-functionally with operations, finance, and technology teams to deliver scalable data solutions.

- Directed design and deployment of enterprise dbt project with CI/CD automation, reducing analytics delivery time by 40% and code duplication by 60% through reusable macros and template repositories
- Architected layered dbt transformation framework converting raw OLTP sources into business-ready data marts, applying data modeling best practices that ensured data reliability across the organization
- Developed Snowpark UDFs/UDTFs standardizing data types and transformations, preventing downstream runtime errors and ensuring data quality at scale
- Enabled self-service analytics for 50+ business users through comprehensive dbt documentation, governed semantic models, and Qlik ODAG implementation
- Provided thought leadership to analytics engineering teams, implementing GitHub template repositories that standardized workflows and fostered collaboration across projects

Project Manager - Business Transformation

BDP International | Philadelphia, PA | 2020–2023

Strategic thought partner to executive leadership, shaping enterprise data strategy and driving digital transformation initiatives.

- Partnered with C-suite to document the Enterprise Operating Model, defining multi-year data strategy and aligning technology investments with business objectives
- Led cross-functional technical initiatives spanning data engineering, analytics, and business intelligence, ensuring alignment between technology and strategic goals
- Collaborated with internal and external stakeholders to establish strategic partnerships supporting enterprise data initiatives

Senior Manager - Data Analytics

BDP International | Philadelphia, PA | 2018–2020

Led data analytics team and served as strategic partner to Finance leadership and executives, delivering actionable insights that enhanced profitability and growth.

- Mentored and managed team of 8 data professionals on expert-level SQL and advanced BI development while enforcing analytics best practices; fostered cross-functional collaboration with IT, Finance, and Operations to elevate organizational data literacy
- Defined institutional metrics and KPIs, translating business requirements into scalable SQL data models that produced standardized reporting frameworks for executive decision-making
- Designed and deployed BI dashboards using Qlik, Tableau, and Power BI for operational, financial, and executive reporting across multiple business units
- Translated complex datasets into compelling narratives for executive audiences, driving data-driven culture and decision-making at scale

Manager - Operations & Compliance

BDP International | Philadelphia, PA | 2016–2018

- Led and mentored 15+ team members, coaching junior analysts on SQL best practices and scalable data solutions
- Architected enterprise databases with 300+ stored procedures, delivering prescriptive insights that drove 20% YoY net revenue increase
- Developed automated data validation routines reducing manual QA checks by 90%

Developer - System Integrations

BDP International | Philadelphia, PA | 2015–2016

- Developed ETL processes using Python and SQL; built data pipelines connecting operational systems to analytics platforms for centralized reporting

KEY ACHIEVEMENTS

- Deployed enterprise dbt project with CI/CD automation, reducing analytics delivery time by 40%
- Optimized enterprise OLAP latency by 88% through lambda architecture implementation
- Implemented automated data quality testing ensuring 100% accuracy for critical business metrics
- Defined and standardized KPI frameworks for executive reporting across multiple business units

CERTIFICATIONS

Certified Supply Chain Professional (CSCP) – APICS

Licensed Customs House Broker (LCHB) – U.S. Customs and Border Protection