

# Kyle Jovanovic

## Principal Data Engineer

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### PROFESSIONAL SUMMARY

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Data & Analytics Engineering leader with 8+ years designing/developing scalable stored procedures on local and cloud based servers. Expert optimizing SQL execution plans with 2+ years focused on Snowflake data pipelines (SQL/SnowSQL/Snowpark). I administrated 3 production databases, most notably delivering three items:

- Automated workload distribution and milestone tracking, increasing employee efficiency by 60%
- Automated data quality processes to meet contractual accuracy requirements ranging from 95% to 99.97%
- Automated Qlik application generation utilizing ODAG functionality, dbt-core, AWS Lambda, and Snowflake

I have a proven track record of delivering trusted data assets and years of cross-functional collaboration across operations, finance, data services, as well as front and back end development teams.

### TECHNICAL SKILLS

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

### PROFESSIONAL EXPERIENCE

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#### 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.

- Designed, developed, and migrated two SSMS databases, over 300+ procs, from an on-premises server into the Snowflake cloud platform.
- Developed and deployed Snowpark UDFs/UDTFs standardizing data types and data transformations, preventing downstream runtime errors and ensuring scalability
- Critical leader in a digital business transformation initiative to convert an Operational Data Store into an Enterprise Data Warehouse

#### 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
- Managed multiple enterprise databases to achieve 20% YoY contractual reduction of COGS
- Developed automated data validation routines reducing manual QA checks by 90%
- Designed and deployed workflow management tools to increase employee efficiency by 60%

## Developer - System Integrations

*BDP International* | Philadelphia, PA | 2015–2016

- Designed and implemented ETL workflows using Python and SQL, building data pipelines that connected operational systems to analytics platforms for centralized reporting
- Developed XML-based, event-driven data transfers between ERP and ODS using SSMS, Sterling Integrator, IBM Integration Bus, and Oracle
- Partnered with key stakeholders to translate business requirements into detailed functional and technical requirements documentation

## KEY ACHIEVEMENTS

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- 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

## EDUCATION

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**Bachelor of Arts in Economics** | Pennsylvania State University

## CERTIFICATIONS

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Certified Supply Chain Professional (CSCP) – APICS

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

## REFERENCES

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Katherine C. Harper - Board Director | Chief Financial Officer - (720) 635-7525

Jason Merz - Regional Director, USA East - (267) 264-9683