

Vladimir Dalton

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SUMMARY AND SKILLS

- Data Analyst with a proven track record of developing and implementing full-stack data solutions using **BigQuery**, **Snowflake**, **Tableau**, **Power BI**, **Looker**, and **Python**. Well versed in **Scrum** / **Agile** / **Waterfall** development models.
- Data professional with strong organizational and communication skills with expertise in data visualization, data modeling, data governance, data validation, ETL, and creating effective business intelligence frameworks. Demonstrated success in leading cross-functional teams, conducting data and technology audits, and developing scalable, business-defined data models.

Languages: LookML, Python, R, SAS, SQL, YAML

Data Warehousing: BigQuery, Databricks, Snowflake, Redshift

ETL: Airbyte, Alteryx, dbt, Fivetran, Informatica, Knime, Matillion, Stitch, Talend

Databases: SQL: MS SQL Server, PostgreSQL, MySQL, Oracle SQL, Teradata / NoSQL: MongoDB, Redis

Data Validation: Datadog, Dataedo, dbt, Great Expectations, Looker, Monte Carlo Data

Cloud: AWS, Microsoft Azure, GCP

Project Management: Confluence, Jira, Shortcut, Smartsheet

WORK EXPERIENCE

ELT Data Solutions

Remote

Owner and Data Consultant

January 2018 – Present

- Providing full-stack data solutions for a variety of industries, including cybersecurity, e-commerce, educational technology, healthcare, information security, and retail, serving Fortune 500 companies, startups, nonprofits, and school districts, leveraging cutting-edge tools and expertise to provide personalized strategies and actionable recommendations for data-driven decision-making.

The Kroger Company

Remote

Consultant

January 2023 – Present

- Demonstrated extensive knowledge and understanding of data domains/assets, resulting in resolving 99% of data issues and ensuring a 20% improvement in data quality through effective collaboration with data source stakeholders/vendors.
- Performed data discovery and analysis using **SQL** and **Snowflake**, resulting in the identification of 30+ new use cases for existing data and the documentation of 100+ data definitions, mappings, and business rules.
- Played a key role in cross-functional teams, ensuring 100% alignment of data needs and changes through effective communication via **Jira** and **Confluence** resulting in a 25% reduction in development cycle time and enhanced efficiency in data governance processes.
- Created and maintained comprehensive architecture and systems documentation, including an Analytics Catalog using **dbt**. The catalog served as a scalable resource, supporting self-service analytics and ensuring a single source of truth for a team of 2,000+ professionals.

Khan Academy

Remote

Senior Data Analyst

August 2022 – Present

- Oversaw the systematic development of the enterprise data model and **BigQuery** warehouse, resulting in a 40% increase in standardized reporting and analysis capabilities. Utilized advanced **SQL** and analytics techniques to design and build complex **data pipelines**, ensuring high **data quality** and accurate insights delivery.
- Collaborated with infrastructure engineers to enhance the data technology stack, resulting in a 20% reduction in data processing time and improved system performance. Implemented **data governance** practices and quality assurance processes to ensure **data accuracy**, integrity, and compliance with industry best practices.
- Identified, piloted, and deployed tools and processes to increase data access and utilization, resulting in a 50% improvement in **data-driven decision-making** across the organization. Developed self-serve solutions using **Looker** and **Mode Analytics**, empowering stakeholders to independently analyze data and generate actionable insights.
- Led the development and maintenance of the **Metrics and Data Documentation** wiki, resulting in increased knowledge sharing and improved data governance practices. Conducted data skills training, increasing **data literacy** and proficiency within the organization. Demonstrated expertise in advanced **SQL queries** and **statistical analysis**, improving query efficiency by 25% and reducing data retrieval time.

Conveyor

Lead Data Analyst

Remote

November 2021 – January 2023

- Led the implementation and management of a **full-stack data insights** platform using **dbt**, **Python**, **Power BI**, **Looker**, and **Snowflake**, establishing best practices for event-driven architecture, **data modeling**, **SQL query structure**, and **data ops**. Contributed to platform's successful adoption and scalability, demonstrating leadership, technical expertise, and knowledge of advanced analytics tools.
- Initiated and developed a comprehensive **dbt** project, creating and maintaining 250+ models, 100+ tests, and integrating 150+ different source tables. Performed **data validation** throughout the **data transformation** process, leveraging **data mining**, **SQL**, and statistical techniques to deliver high-quality data insights.
- Managed an extensive **Looker** instance comprising 100+ models, views, and explores, utilizing **LookML** to maintain **version-controlled** data products. Produced actionable insights analyzing customer acquisition, retention, and growth **KPIs**, enabling stakeholders to make data-driven decisions and demonstrating expertise in **data visualization**, **reporting**, and **business intelligence**.
- Successfully deployed an interactive network visualization application to analyze 500+ **B2B** relationships on a **SaaS** information security platform. The application contributed to the company's rapid growth, helping achieve nearly \$1 million in annual recurring revenue. Utilized **data analytics**, **dataa visualization**, and product-led growth strategies to deliver impactful **data solutions** and support business outcomes.

SAM Labs

Business Analyst

Remote

January 2019 – January 2021

- Conducted a comprehensive **data infrastructure** audit within the first 60 days, resulting in owning and implementing the vendor selection processes for a **data warehouse**, **ETL** application, and **BI reporting** tool, resulting in the establishment of a modern data stack comprising **Alteryx**, **dbt**, **Matillion**, **Python**, **Snowflake**, and **Tableau**.
- Supported four business functions' data needs, including the design and implementation of a **multi-pedabyte data warehouse** from **conceptual model** to **logical model** to **physical storage**, utilizing analytical and technical expertise.
- Created company-wide metrics and **forecasting models** using **Snowflake**, **SQL**, **Python**, **dbt**, and **APIs** for **Google Analytics**, **Salesforce**, and e-commerce applications, resulting in quantitative insights, actionable recommendations, and an increase of over \$100,000 in year-over-year revenue.
- Developed and optimized **machine learning** models to segment customers and provide insights for **go-to-market** strategies, resulting in a new product offering and a 20% increase in closed-won sales.

EDUCATION

Syracuse University

Master of Science in Computer Science

Certificate of Advanced Study in Cloud Management

Syracuse, New York

2018 – 2020

Florida State University

Bachelor of Science in Public Policy

Tallahassee, Florida

2009 – 2012