

Varun Arya

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Experience

Agriculture and Agri-Food Canada – Data Analyst

Jan 2025 – Aug 2025

- Automated data extraction from a CKAN API-powered catalogue, reducing manual refresh effort by 80% and increasing reporting efficiency by 20% through Python scripts, data source parameters and VS Code.
- Developed, delivered and maintained 10 interactive Power BI dashboards, enabling executives and policy teams to track over 50 KPIs, resulting in 30% faster, actionable, and accurate data-driven decisions.
- Applied advanced DAX, Power Query, and Excel data cleansing on 25 datasets, ensuring high-quality, accurate, and complete business-ready information, improving reporting model accuracy by 15%.
- Built and optimized ETL workflows, integrating 15 datasets from Statistics Canada and other government data sources, improving data accessibility and usage efficiency by over 50%.
- Collaborated with cross-functional teams to gather business requirements and deliver Azure-based cloud solutions, aligning analytics capabilities with marketing and media strategy goals.

Cognizant – Data Analyst

Jan 2022 – Oct 2023

- Migrated over 25 data universes from Oracle SQL to Snowflake, ensuring 100% compatibility and enhancing performance with Snowflake compatible syntax, improving data processing and reporting speed by 20%.
- Re-engineered over 200 dashboards from SAP BO to Power BI and Tableau, reducing query run times by 30% and standardizing enterprise reporting processes.
- Conducted Unit, UAT, and QA testing on over 50 dashboards and databases, validating accuracy and functionality, preventing production errors and ensuring reliable results.
- Mentored 5 junior analysts, standardizing BI processes and improving delivery timelines by 15%, while developing over 20 enterprise BI reporting solutions.
- Partnered with data engineering teams to define optimal schema structures and support the development of scalable ETL pipelines for ingestion, transformation, and delivery of analytics-ready data.

Certifications

Data Analytics Essentials - [Certificate](#)

- Gained skills in data analytics, data collection, processing & visualization techniques to drive business decisions.

AWS Academy Graduate - AWS Academy Cloud Foundations - [Certificate](#)

- Learned the fundamentals of cloud computing, including AWS core services, security, architecture & pricing models.

Leadership & Projects

Rocket Innovation Studio - VoteHub: Agile Story Sizing & Voting Platform Project

- Facilitated the development & implementation of a real-time Agile voting platform, enhancing analytics & BI components. Coordinated cross-functional teams & improve Agile planning efficiency through actionable insights.

University of Windsor - Automated SQL to Snowflake Migration Project

- Influenced enterprise-level SQL-to-Snowflake migration, integrating datasets and ensuring dashboard alignment with business requirements. Experienced schema transformation, QA testing & enhancing data migration processes

Education

University of Windsor, Ontario - Master of Applied Computing

Galgotias University, India - Bachelor of Technology

Courses: Data Analytics, Machine Learning, Database Management, Cloud Computing, Programming Languages, Software Engineering, Data Structures, Algorithms

Concentration: Business Intelligence, Data Visualization, ETL Processes, Data Analysis, System Design

Skills

Technical Skills: SQL, Data Modeling, ETL Processes, Data Visualization, Cloud Computing, Agile Methodologies, Data Cleansing, Schema Transformation, Business Process Improvement, Business Process Re-engineering, Change Management, Project Management, Stakeholders management.

Software Knowledge: Power BI, Tableau, MS Excel, SAP BusinessObjects, Azure DevOps, Snowflake, Python, R, Oracle SQL, SharePoint.

Soft Skills: Communication skills, Problem-Solving, Team Collaboration, Mentoring, Attention to Detail, Adaptability.