


Position Identification			
Position Title	Intermediate Data Analyst		
Position Replaces	N/A		
Position Level	Employee	Position Code	2028
Pay Group	Choose from drop down	Revision Date	Jan-25
Supervisor Title	Manager, Enterprise Data & Analytics	Sup. Position Code	1324
Additional Requirement	CRC	TMA	
Division	Information Technology	Flexible Work Arrangement	Flexible or Remote

Organizational Description
<p>BC Transit is a provincial crown corporation responsible for the overall planning and delivery for all of the different municipal transportation systems within British Columbia, outside Greater Vancouver.</p> <p>Our Mission: Delivering transportation services you can rely on</p>

Department Summary
<p>The Enterprise Data and Analytics team is responsible for ensuring that Data Management & Analytics are carried out in a manner that is secure, sustainable, and benefits BC Transit at an enterprise scale. In this role the team leads the Enterprise Data Governance processes as well as providing subject matter expertise and support in a variety of Data Management practices ranging from Business Intelligence and Reporting to Operational Data Engineering.</p> <p>The Intermediate Data Analyst's role is to connect business users to data in a multitude of different ways. This position is a hybrid role, capable of delivering results in both the analytics and engineering aspects of data management and must excel at adapting to meet the needs of a diverse set of stakeholders.</p>

Job Overview
<p>Reporting to the Manager, Enterprise Data & Analytics, the Intermediate Data Analyst supports and enhances the ability of business users across the organization to generate insights from data.</p> <p>This is accomplished through the execution of tasks in several domains of data management including data governance, data architecture, data engineering, business intelligence and advanced analytics. The Intermediate Data Analyst is a strong data generalist and with support</p>

from senior members on the team, performs a key role in everything from designing and creating self-serve reports and BI models, to developing and sustaining secure and reliable data pipelines. The Intermediate Data Analyst is a champion for professional data management and promotes best practices, security, governance, and innovation across the enterprise data community.

This role requires a considerable level of professional data management experience, analytical ability and technical engineering knowledge. The Intermediate Data Analyst role also requires the ability to collaborate well, cover a broad spectrum of use cases and support business users from diverse subject areas with varying needs.

To be successful in this role the Intermediate Data Analyst will have demonstrated previous successes in multiple areas of data management such as business intelligence, data engineering, data warehouse design, data operations and data governance. They should have technical proficiency in Python and or R in the context of data and analytics. In addition, they will be well versed in data governance and architecture concepts, including how to capture and manage real world entities and measures in digital analytical models. Experience with or understanding how to work with spatial data would be considered an asset.

Key Accountabilities and Expectations

Key Accountability	Expectation
Develop Data Management and Analytics Products	<ul style="list-style-type: none"> Utilize strong analytical and data storytelling skills to collect, organize, analyze, and report technically challenging datasets to the business with attention to detail and accuracy. Apply advanced analytics techniques to enterprise datasets to expand reporting from descriptive “what has happened” to diagnostic “why did it happen” and predictive “what will happen if”. Participate and lead group peer reviews, quality assurance, and automated testing development to ensure work completed by the team is of the highest standard possible. Employ a variety of technical software packages such as, cloud data platform tools and business intelligence software to manage, analyze, and generate insights from data. Facilitate sustainability and scalability by automating repetitive data management processes and transformations. Support the implementation of IT projects through the development of data pipelines and reporting.
Customer Service	<ul style="list-style-type: none"> Respond to data service requests through our ticketing portal. Work with the Enterprise Data and Analytics team to interpret end user requirements to design and develop products and processes such as reports, datasets, pipelines, governance documentation, maps, etc. Provide exceptional customer service to internal and external stakeholders enabling them to generate value from data. Participate in Agile work planning to align tasks with business needs.

Data Stewardship & Culture	<ul style="list-style-type: none"> • Create and maintain technical & business metadata for data, analytics and AI workflows where required, including data lineage, transformations, and assumptions. • Maintain central data catalogues and marketplaces for the dissemination of data products to end users. • Continuously research and stay on top of evolving trends in advanced analytics, business intelligence, reporting, GIS, etc. and facilitate the growth of best practice across the organization.
Additional Duties	<ul style="list-style-type: none"> • Performs related duties in keeping with the purpose and accountabilities of the job

Summary of Qualifications and Job Specific Competencies	
Education	<ul style="list-style-type: none"> • Post secondary degree in Data Science, Computer Science, GIS, Statistics or a related field • The following would be considered an asset: <ul style="list-style-type: none"> • Cloud Data Analytics or Engineering certification (Azure, Google, AWS, Cloudera, PowerBI) or equivalent • GIS certification (GISP, ESRI) or equivalent • Certified Data Management Professional certification (CDMP) or equivalent
Experience	<ul style="list-style-type: none"> • Four (4) years of demonstrated experience in one or more data management disciplines including, analytics, business intelligence, data architecture, data engineering, or data governance. • Demonstrated experience using SQL or analytical languages (Python, R, Scala ...) to ingest, manipulate, clean and prepare data for business intelligence, data mining, machine learning or other analytical processes. • Experience designing and implementing data models for sustainable and scalable use in cloud data warehouses, data lakes, and business intelligence reporting. • Demonstrated experience with distributed computing and cloud data platform technology, such as Spark, MS Synapse, MS Fabric, etc. • Ability to support to project and initiative implementations from the lens of a technical data professional. • Experience with GIS mapping software or spatial datasets would be an asset. • An equivalent combination of education and experience may be considered • Experience with analytics, reporting and data management in a public transit context would be considered an asset.

	<ul style="list-style-type: none"> • Exposure to implementing and maintaining AI/ML models in production and how to manage their deployment using CI/CD and version control would be an asset.
<p>Key job-specific competencies</p>	<ul style="list-style-type: none"> • Understanding data analytics fundamentals, challenges, and solutions. • Understanding Data Governance and how it relates to enterprise data & analytics. • Ability to apply statistical and other research methods into systems, issues, and products as required. • Demonstrated analytical and computational problem-solving skills. • Demonstrated communication, interpersonal and negotiation skills used to build and maintain strong working relationships with internal and external stakeholders. • Demonstrated ability to exercise sound independent judgment.