Job title:	**Analytics Professional in Training - FTT**
Job ID:	20230246
Location:	Greater Vancouver
Full/Part Time:	Full-time
Regular/Temporary:	Temporary

Marketing Statement

A career at TransLink and our family of companies means working with people with a wide range of skills and perspectives, all teaming up towards a common goal: preserving and enhancing the region's world-envied quality of life. Together, we connect the region and enhance its livability by providing a sustainable transit and transportation network, embraced by our communities and people.

At TransLink we are dedicated to building a workforce that reflects the diversity of the communities in which we live. We're committed to fostering an inclusive, equitable and accessible workplace, recognizing the unique value and skills every individual brings.

Looking for a great place to work where your contributions are valued and you can make a difference in a vibrant city? At TransLink, one of BC's Top Employers, you'll help make Metro Vancouver a better place to live, built on transportation excellence. Put your future in motion!

Responsibilities

PRIMARY PURPOSE

To support the Research and Analytics team in team in a variety of transportation analytics, research and forecasting projects by applying advanced analytics, applied mathematics, statistics, advanced computing, machine learning, data engineering and visualization skills while developing competencies in transportation analytics using TransLink's transportation datasets to solve real-life transportation problems.

KEY ACCOUNTABILITIES

Under supervision of senior members of the transportation and analytics team, collaborates and delivers on analysis of large complex structured or unstructured data sets, merges large data sets as required to create new data sets or to generate insight from those data sets and visualizes insights for technical and non-technical audiences and users.

Supports in evaluating results from the data analysis to establish and summarize findings, and applying the findings to produce deliverables (reports, analysis, forecasts) supporting decision making in transportation planning, policy, customer experience, and strategic business decisions.

Assists transportation analytics team members in developing and establishing appropriate data analysis tools, methods, processes, and documentation for tasks, projects, and programs, Develops and applies methods or approaches to address data quality issues as required.

Contributes in identifying risks and opportunities related to transportation planning, particularly pertaining to best practices and future approach to analytics, based on data trends and trend analysis. Alerts Manager of potential risks that may be anticipated in current approaches towards various analytics, research and forecasting projects.

Proactively participates in collaborative information sharing, problem solving and decision-making with other staff across the enterprise. Assist in providing technical support to internal and external stakeholders.

Qualifications

EDUCATION AND EXPERIENCE:

The requirements for this job are acquired through completion of a master's degree in a related discipline with strong emphasis on applied mathematics, statistics, advanced computing and/or other transportation analytics methods, plus one (1) year experience in a related field (may include combination of co-op or other work terms or project-based school terms).

Completion of the master's Degree should be no more than 12 months before the internship program start date.

OTHER REQUIREMENTS:

Strong working knowledge of the theories, principles, practices, methods, standards and techniques pertaining to data analytics, scripting, machine learning, statistics, forecasting.

Solid aptitude for analytical, critical-thinking, problem-solving and decision-making skills including the ability to identify and communicate transportation planning risks and opportunities in an integrated, multi-disciplinary environment; includes skills to analyze data, trends and issues.

Strong technical skills in programming languages such as SQL, Python, R, and in visualization software such as Tableau and Power BI.

Good written and verbal communication skills to be able to deliver presentations and write memos and reports

Good interpersonal skills including the ability to build trust by consulting with others and applying a team approach as needed to achieve solutions.

Other Information

This position is within the System Analytics group which is part of the Research and Analytics department at TransLink. The System Analytics team monitors transportation outcomes and system performance, tracks trends and drivers impacting the transportation network, undertakes big data and other quantitative analysis to support business needs, and develops analytical systems and processes to provide insights efficiently and effectively.

As a team member, you will be working with large datasets in Microsoft SQL Server databases. You will apply your skills in SQL and Python coding, including working with SQL views and stored procedures, and your familiarity with source control tools to develop analysis tools. You will be working alongside data scientists, planners, and transportation engineers within the Research and Analytics department.

Recruitment Process: An applicant will be required to demonstrate their suitability for this position by meeting the minimum level of qualifications and experience in order to be invited into the selection process. A standard interview format will be used including general, scenario and behavioural descriptive interview questions.

Work Schedule

37.5 hours per week.

This is a full-time, temporary contract until December 31, 2023.

Work Designation

Hybrid - This position offers the flexibility of working both on-site and remotely within B.C.

Rate of Pay

Salary $63,916 - $79,895 per annum (Actual salary offered will be commensurate with education, experience and internal parity).

The Total Compensation Package includes Extended Health, Transit Pass and enrollment in the Public Service Pension Plan upon eligibility. Focus on your development through training, and mentorship programs. Enjoy a variety of health and wellness programs, including access to gym facilities. Speak to us to know more about what we offer.

How to Apply

Please visit our Career Page to apply for this position.

INSTRUCTIONS: Please save your (1) cover letter, and your (2) resume as one PDF document prior to uploading your application on-line.

Please note that only those short listed will be contacted.

Having trouble applying? Please view the System Requirements & FAQ's page.

If you have questions, please connect with us at jobs@translink.ca.

Equal Employment Opportunity

TransLink is committed to employment equity and building a diverse workforce, representative of the customers we serve and the many communities in the Metro Vancouver region. We welcome and encourage Indigenous applicants, people of colour, all genders, 2SLGBTQ+ and persons with disabilities to apply. Learn more about TransLink's commitment to equity, diversity and inclusion.

Accommodations are available on request for candidates taking part in all aspects of the selection process. For a confidential inquiry, simply email us at jobs@translink.ca.