REPOST - Senior Statistical Data Analyst - 1238

Workflow Type
Regular

Job Title
REPOST - Senior Statistical Data Analyst

Status
Temporary Full-Time

Temporary - Approximate length of assignment, in months
14

Type of Position
a Replacement

Start Date
Immediate

Close Date
October 10, 2022

Salary
Per hour

Salary Grade
$49.52 - $53.81

Department
York Region -> Community & Health Services -> Public Health -> Child and Family Health

Location
Health Unit-Richmond Hill - 50 High Tech Road - Richmond Hill, ON L4B 4N7 CA (Primary)

Job Description (E)

POSITION PURPOSE
Reporting to the Manager, Child and Family Health, is responsible for leading statistical data projects, informing research projects and supporting Public Health to fulfill the Ontario Public Health Standards requirements; ensuring appropriate use of data analysis methods for program evaluation and adequately assessing reliability and validity of data to provide services that are evidence informed, influence health outcomes; leading projects, including technology related projects, to improve the ability to provide timely and accurate data; providing advice and conducting analysis and application of statistical data to the branch programs and services, including establishing consistent processes for compiling, tracking and verifying program data, analyzing demographic, economic and statistical data; leading the development of branch performance measures; writing reports and designing and developing complex spreadsheets and database applications.

MAJOR RESPONSIBILITIES

 - Develops frameworks and dashboards integrating KPIs at all levels for various programs within the division.
 - Develops and implements systematic, proactive continuous collection, analysis and interpretation of indicators.
 - Provides statistical data analysis and support to the division including extracting, importing and exporting data in various data applications.
 - Project manages from initiation to closing including development and implementation of project charters, work plans and responsibility matrices, including a variety of projects such system re-design, process improvement projects, technology improvements related to client service delivery.
 - Provides expertise related to data collection.
 - Analyzes and estimates project costs; presents cost options to clients and provides options for outsourcing the

appropriate resources needed.

- Provides advice to quantitative data analysis methodologies to support research projects
- Advises internal programs on effective data analysis practices as well as technology development / implementation.
- Identifies and uses tools, structures and processes to measure and improve quality of programs and services.
- Leads documentation and system audits; identify variances in individual practices from standards.
- Responds to inquiries and resolves concerns, as appropriate.
- Ensures that services provided meet Regional customer service standards.
- Performs other duties as assigned, in accordance with Branch and Department objectives.

QUALIFICATIONS

- Successful completion of an University Degree in Social Sciences, Mathematics, Statistics, or approved equivalent combination of education and experience.
- Minimum five (5) years experience in statistical data analysis including a combination of performance measurement, survey development, project management, database design, and report writing.
- Knowledge of and skills in various computer systems/programs including but not limited to MS Excel, Visio, SharePoint, Cognos, Power BI and SRSS.
- Knowledge and demonstrated ability in corporate core competencies including customer focus, communication, collaboration and personal ownership.
- Demonstrated skills in conducting and leading survey research projects, including developing survey tools and databases, survey administration, data analysis and interpretation and report writing.
- Knowledge of statistics and experience using statistical techniques for analyzing data sets.
- Experience with data extraction and analysis tools is an asset.
- Analytical skills to interpret and reconcile complex statistical reports such as Statistics Canada information, Census Data and other demographic data.
- Computer literacy utilizing MS Office software applications at an advance level, including the design and maintenance of databases/spreadsheets and applicable software programs.
- Demonstrated skills establishing, maintaining and producing complex databases/spreadsheets including current experience with database design, report generation and modifications.

Council Approval Date

Scheduled Weekly Hours
35

Operational Hours

of Hires Needed
1

Please apply online https://york.hua.hrsmart.com/hr/ats/Posting/view/1238 by 4:30PM EST of the closing date indicated above. We thank all candidates for their interest; however, only those selected for an interview will be contacted via email.

All York Region Employees are required to be fully vaccinated with a COVID-19 vaccine series, approved by Health Canada or the World Health Organization, as a condition of hire. Should you be the successful candidate, you will be required to comply with the Region's mandatory Vaccination Policy that is in effect.

York Region is an equal opportunity employer committed to an inclusive, barrier-free recruitment and selection process. At the Region, we respect, encourage and celebrate our diversity. If contacted for an employment

opportunity, please advise if you require Code-protected accommodation.