

Statistical Data Analyst

Permanent, full-time position

Are qualitative and quantitative data collection, analysis and management among your strengths as an experienced research analyst? If so, this is an exciting opportunity to play a key role in supporting Peel District School Board (PDSB) research efforts – from the design of school and system-wide surveys, to data interpretation and report preparation.

Reporting to the Chief Research Officer, Research and Accountability, you will design complex data problems and discover evidence-based knowledge through the use of advanced statistical methods, algorithmic, and visualization techniques. Your proficiency in integrating, preparing, managing and maintaining large, varied datasets, and in architecting specialized databases and computing environments will prove indispensable in your role as Statistical Data Analyst within PDSB.

Working both independently and as part of a team of education researchers, you will identify relevant available data, design research project analyses and databases, create, select and modify evaluation measures, conduct advanced statistical analyses using a variety of procedures and software, and perform rigorous quality control checks to ensure data accuracy and integrity. In the complex, multi-stakeholder environment in which our Board operates, you will combine your analytical skills and knowledge of the Ontario curriculum, as you retrieve and analyze data from provincial and national surveys to further the understanding of issues impacting the Board and our stakeholders. You will also gather, analyze and interpret data at the school, family of schools, Board, community, regional and provincial levels for future planning.

EXPERIENCE AND QUALIFICATIONS

As a Statistical Data Analyst, you will bring to the table at least 5 years' related experience in a research environment, as well as a bachelor's degree in Statistics, a related social science discipline, or equivalent. Your strengths in the following areas will also contribute significantly to your success:

- Demonstrated experience and skills in research design and methodology for advanced qualitative and quantitative research and analytics, with a high level of proficiency in statistical analysis, quantitative analytics, multivariate testing, data mining, multilevel modeling, latent variable modeling and various regression models.
- Knowledge of the Ontario curriculum, teaching models and current resources and documents.
- Good working knowledge of SPSS, EndNote, R, QlikView, GIS software, Access, Excel, PowerPoint and Word.
- Excellent organizational and time management skills for coordinating multiple, ongoing projects.
- Excellent written and oral communication skills for report writing and presentations, with attention to detail.
- Ability to work under tight timelines, both as part of a team and independently.
- Demonstrated commitment to working in a diverse school community and/or work environment.

SALARY: \$66,181 - \$82,726 per annum (under review)

To apply for the Statistical Data Analyst position, please complete an online application through www.applytoeducation.com. Your completed application package on Apply to Education must include your cover letter, resume and supporting educational credentials. **Applications must be received no later than 4:30 p.m., Wednesday, December 5, 2018.**

The Peel District School Board is one of the largest school boards in Canada, with more than 153,000 students in 253 schools.

We appreciate the interest of all applicants, but will only be interviewing selected candidates. For the safety of students, all school board staff need to provide a satisfactory criminal record check prior to commencement of employment.

The Peel District School Board is committed to equity in employment. We will provide reasonable accommodation, based on any of the human rights protected grounds, during the hiring process if advised in advance.