

## **Social Data Scientist**

Program Services 5

**Alberta Treasury Board and Finance, Edmonton.** The Government of Alberta is committed to a diverse and inclusive public service that reflects the population we serve to best meet the needs of Albertans. Consider joining a team where diversity, inclusion and innovation are valued and supported. For more information on diversity and inclusion, please visit: <https://www.alberta.ca/diversity-inclusion-policy.aspx>

Staffed by a knowledgeable and experienced team, the Alberta Office of Statistics and Information (OSI) is a branch within the Economic and Fiscal Policy division in Treasury Board and Finance. The OSI is Alberta's statistical agency and the Statistical Focal Point for Statistics Canada with a mandate to plan, promote, consolidate and develop social and economic statistics relating to Alberta. In general, the OSI develops and analyzes social, demographic and economic statistics, as well as, geospatial statistics on social and economic issues. We also provide analytical and data support to other government ministries, helping to inform policy and decisions making, as well as, providing information to the public.

For further information about Treasury Board and Finance, see our website at <http://www.finance.alberta.ca>

Reporting to the Chief Statistician/Director, the Social Data Scientist is responsible for statistical analysis and research activities related to social and demographic issues within OSI and throughout GoA.

As one of the socio-economic experts in the OSI, you will have in-depth expertise in social and statistical research and data analysis. You will focus on modeling complex problems, discovering insights and identifying opportunities through the use of analytical, statistical, algorithmic, mining and visualization techniques.

Making decisions concerning both policy analysis and social and statistical analysis will require you to be able to master existing literature, which is highly technical, apply the concepts and techniques of statistical theory to the specific issue, and display good judgement in weighing the evidence before making recommendations.

To be successful in this role you will need to be a strong analytical, but nimble thinker, who demonstrates both tenacity and curiosity to discover new strategic insights with social and demographic data. You will also need effective oral and written communication skills to convey complex information and analyses to both technical and non-technical audiences.

**Salary: \$2,963.75 to \$3,904.80 bi-weekly (\$77,353 to \$101,915 annually). Closing Date: August 30, 2018. Job ID #1050288.**

### **Qualifications:**

A University degree (Masters preferred) in a related field (Statistics, social sciences such as Sociology, Psychology or Public Administration) plus 6 years of progressively responsible experience in managing and analyzing data/information in a complex environment involving legislation and regulations, is required. Experience in leading data projects, as well as, a demonstrated expertise in statistical methods, modeling, quantitative research design and in the use of statistical and modelling software (SAS, R, Python or related, SAS experience is highly desirable).

Equivalencies will be considered.

Competencies are behaviors that are essential to reach our goals in serving Albertans, and the foundation for our talent management programs, including hiring decisions. We encourage you to have an in depth understanding of the competencies that are required for this opportunity and to be prepared to demonstrate them during the recruitment process.

The links below will assist you with understanding competencies:

<http://www.chr.alberta.ca/Practitioners/?file=learning/apscompetencies/titlepage&cf=9>

<http://www.chr.alberta.ca/learning/apscompetencies/apscomp-self-assessment-questionnaire.pdf>

In this role, you will contribute to our team by demonstrating the following behavioral competencies:

- **Agility:** Ability to anticipate, assess, and readily adapt to changing priorities, maintain resilience in times of uncertainty and effectively work in a changing environment.
- **Drive for Results:** Knowing what outcomes are important and maximizing resources to achieve results that are aligned with the goals of the organization, while maintaining accountability to each other and external stakeholders.
- **Develop Self and Others:** A commitment to lifelong learning, and the desire to invest in the development of the long-term capability of yourself and others.
- **Build Collaborative Environments:** Leads and contributes to the conditions and environments that allow people to work collaboratively and productively to achieve outcomes.
- **Develop Networks:** Proactively building networks, connecting, and building trust in relationships with different stakeholders.
- **Systems Thinking:** The work done within the APS is part of a larger integrated and inter-related environment. It is important to know that work done in one part of the APS impacts a variety of other groups/projects inside and outside the APS. Systems Thinking allows us to keep broader impacts and connections in mind.
- **Creative Problem Solving:** Ability to assess options and implications in new ways to achieve outcomes and solutions.

The Alberta Public Service is a great place to work!

What we offer:

- Comprehensive benefits plan: <http://www.chr.alberta.ca/employees/DocList122.cfm>
- Pension plan: <http://www.pspp.ca/>
- Professional learning and development
- Positive workplace culture and work-life balance
- Accessible career consulting services

Final Candidates for this position will be asked to undergo a security screening. This competition may be used to fill current and future vacancies at equal or lesser classifications across the Government of Alberta.

Please apply online via [www.jobs.alberta.ca](http://www.jobs.alberta.ca), as applicants who apply online will be able to track the status of this competition. Applicants are advised to provide information that clearly and concisely demonstrates how their qualifications meet the advertised requirements, including education, experience and relevant examples of required competencies.

Note: As only one file can be uploaded, please ensure your cover letter, resume and any other related documents are submitted in one file. Please ensure that this document is saved using the naming convention of your last then first name (Smith,Joe\_Resume).

It is recommended that applicants who have obtained educational credentials from outside of Canada and have not had them previously assessed, obtain an evaluation of their credentials from the International Qualifications Assessment Service (IQAS) - <http://work.alberta.ca/immigration/international-qualifications-assessment-service.html> It is recommended that applicants include the assessment certificate from IQAS or any other educational assessment service as part of their application.

Position Profile

<https://www.alberta.ca/jobs/ppprofile/pp1050288.htm>

We thank all applicants for their interest. All applications will be reviewed to determine which candidates' education and experience best meets the needs of the position. Only individuals selected for interviews will be contacted.

If you require any further information on this job posting, please contact: Marie Urlacher, Human Resource Consultant, Treasury Board and Finance. Phone: (780) 644-0636. If this competition is closed as per the closing date noted above, please continue to check <http://www.jobs.alberta.ca> for a listing of current career opportunities with the Government of Alberta.

**[www.jobs.alberta.ca](http://www.jobs.alberta.ca)**