

## **Data Scientist – Store Level Experimentation and Analytics**

The Data Scientist is a key member of the store level experimentation team at CTC. The team's primary mission is to foster a best-in-class test and learn culture in the organization. Experimentation allows us to test ideas scientifically in a small sample of stores which has the benefit of revealing profitable business ideas while minimizing the impact of unprofitable ones.

You will be a critical member of the team and will be tasked with building predictive store sales models, designing experiments, measuring test data, and communicating results to senior management.

### **Key Responsibilities**

- Collaborate with business partners to identify critical business problems that can benefit from experimentation
- Provide technical leadership/vision and support Canadian Tire in the development of best-in-class experimentation methodologies and models
- Use predictive analytics and machine learning to create baseline sales models for stores
- Utilize predictive analytics to estimate the impact of all experiments on store level performance
- Design experiments, review and validate test data, conduct analysis, and report results
- Communicate test results and insights to business partners and management in a clear and concise manner
- Develop expert level knowledge of the merchandising/retail business

### **Required Skills & Abilities**

- 4-8 years of experience in an analytical role
- 2+ years of experience in predictive analytics
- Strong knowledge of statistics
- Experience using R and Knime are considered a strong asset
- Analytical and strategic thinker; can see the "big picture" in a complex business environment
- Aptitude to work with large amounts of data and to manage it effectively and the ability to conduct data analysis and identify unusual trends and recommend solutions
- Proven ability to translate and communicate statistically derived financial results to business partners in a manner that can derive actionable insights
- Excellent written and verbal communication skills and an ability to communicate effectively and professionally with senior management
- Able to influence through logic and persuasion, even in the absence of direct authority
- Highly driven with an exceptionally strong work ethic
- Admirable time management and self-management skills

### **Required Professional Designation/Certification:**

- University degree in Business, Economics, Statistics, Mathematics, Engineering or a related field
- Degree with a quantitative research emphasis is considered an asset
- A professional financial or quantitatively oriented designation is considered an asset