

PREDICTIVE ANALYST

JOB DESCRIPTION

Predictive Analysts use data, statistical algorithms, and machine learning techniques to identify the likelihood of future outcomes based on historical data. They go beyond knowing what has happened to providing a best assessment of what will happen in the future.

JOB DUTIES

- Perform ad-hoc analysis of data using multiple data analysis software
- Measure program or business performance, identifying opportunities and presenting recommendations for improvements
- Work with stakeholders to determine appropriate hypotheses for test and learn/experimental design and test
- Define analytics reporting procedures and predictive model targets and requirements
- Structure predictive analytical solutions to address business objectives
- Synthesize results across different data sources to predict customer and market activity
- Design and develop divisional dashboards and custom reports and present findings to stakeholders

COMMON SKILLS

- Problem-solving
- Microsoft Office suite
- Microsoft Access
- Structured Query Language (SQL)
- VBA
- Critical thinking
- R or Python (Statistical programming)
- Data visualization
- Presentation skills
- Machine learning

EDUCATION

York University

Certificate in Advanced Data Science and Predictive Analytics

Ryerson University

Certificate in Data Analytics, Big Data, and Predictive Analytics

SECTORS

- ICT
- Agriculture
- Finance and Insurance
- Healthcare
- Manufacturing
- Public Administration
- Transportation, Logistics, and Warehousing

RELATED WAGES

Windsor-Essex

Median hourly wage: \$38.42/hr

Median annual wage: \$79,919

Ontario

Median hourly wage: \$39.00/hr

Median annual wage: \$81,120

LOCAL DEMAND

2021 Location Quotient

0.39

Number of employees locally

2018: 731

2019: 754

2020: 753