



DATA SCIENTISTS

NOC 21211

Use technologies like machine learning and predictive modelling to identify trends, scrape information from unstructured data sources and provide automated recommendations.



3-YEAR OUTLOOK



Undetermined

3-YEAR JOB OPENINGS

12

MEDIAN HOURLY WAGE

\$37.29

TYPICALLY REQUIRED



University

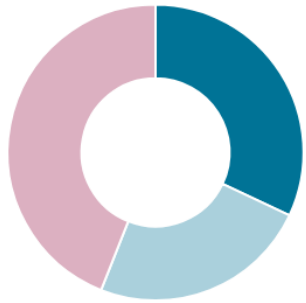
EMPLOYED

124

AVERAGE SALARY

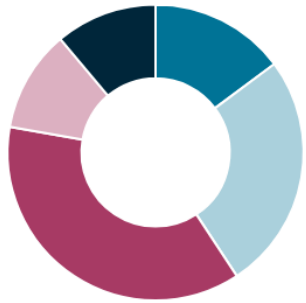
\$98,000

The information presented is based on data for New Brunswick. To learn more about the data provided, visit www.nbjobs.ca/occupations.



EMPLOYMENT BY INDUSTRY

| | |
|--------------|---|
| 32.0% | Professional, scientific and technical services |
| 24.0% | Public administration |
| N/A | N/A |
| 44.0% | All Other Industries |



EMPLOYMENT BY AGE

| | |
|--------------|-------|
| 14.8% | 15-24 |
| 25.9% | 25-34 |
| 37.0% | 35-44 |
| 11.1% | 45-54 |
| 11.1% | 55-64 |
| 0.0% | 65+ |

ALSO KNOWN AS

- Data Scientist
- Machine Learning Engineer
- Machine Learning Specialist
- Quantitative Analyst

MAIN DUTIES:

- This group performs some or all of the following duties:
- Implement cutting-edge techniques and tools in machine learning, deep learning and artificial intelligence to make data analysis more efficient
 - Perform large-scale experimentation to identify hidden relationships between variables in large datasets
 - Create advanced machine learning algorithms such as regression, simulation, scenario analysis, modeling, clustering, decision trees and neural networks
 - Prepare and extract data using programming language.

