

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

Moderate

3-YEAR JOB OPENINGS

11

MEDIAN HOURLY WAGE

$39.32

$20.80 LOW

$82.42 HIGH

TYPICALLY REQUIRED

University

EMPLOYED

136

AVERAGE SALARY

$98,000



EMPLOYMENT BY INDUSTRY

32.0%	Professional, scientific and technical services
24.0%	Public administration
Suppressed	Suppressed
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
Suppressed	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.

