



What Is It?

Develop and implement a set of techniques or analytics applications to transform raw data into meaningful information using data-oriented programming languages and visualization software. Apply data mining, data modeling, natural language processing, and machine learning to extract and analyze information from large structured and unstructured datasets. Visualize, interpret, and report data findings. May create dynamic data reports.

What Do They Typically Do?

- Analyze, manipulate, or process large sets of data using statistical software.
- Apply feature selection algorithms to models predicting outcomes of interest, such as sales, attrition, and healthcare use.
- Apply sampling techniques to determine groups to be surveyed or use complete enumeration methods.

Annual Income:

- Entry Level: \$107,030
- Typical: \$159,610
- Experienced: \$159,610

Major Employers:

Information, Finance and Insurance, Professional, Scientific, and Technical Services

What do I do next?

Learn about the job culture:

- Schedule at least one informational interview
- Conduct a job shadow, if possible
- Research available volunteer or intern opportunities

Prepare for training:

- Visit and call trade schools or colleges that offer a related program
- Research regional job openings at: idahoworks.gov

Explore all pathways to certification:

labor.idaho.gov/jobscape

Talk to your school counselor or advisor for more information

Get started today!

Ask about the career & technical programs at your school or nearby technical college.

Check out Idaho Digital Learning Academy for online opportunities: idahodigitallearning.org

For tips, tools, and resources to learn how your skills and interests can translate to a rewarding career, visit the Next Steps Idaho website.