# DATA ANALYST APPRENTICESHIP

**Program Number:** 50-156-1
Apprenticeship
**Campus:** Online
This program is NOT eligible for financial aid

## About the Program

The primary role of a Data Analyst is to collect and organize data to provide business insight. Data analysts are typically involved with selecting, integrating, querying, and aggregating data, and conducting a range of analytical studies on that data. They work across a variety of projects, providing technical data solutions to a range of stakeholders/customers issues. They document and report the results of data analysis activities to improve business performance. They have a good understanding of data structures, database systems, and data processing and manipulation skills using analytical tools to undertake a range of different types of analyses.

## What You'll Learn

Students in the Data Analyst Apprenticeship program at Moraine Park learn to elicit data requirements from stakeholders to create technical specifications. They will also explore the use of software applications used for database entry, query, and analysis. Students will also learn data presentation techniques.

## Additional Information

Learn more at www.wisconsinapprenticeship.org (https://dwd.wisconsin.gov/apprenticeship/)

## Application/Admission Information

Students interested in an apprenticeship do not complete standard admissions with Moraine Park.

Interested students/employers should contact the training representative listed below to start the apprentice/employer apprenticeship contract application:

Lavelle Gill, Apprenticeship Training Representative
Phone: (262) 340-1143
Email: almonl.gill@dwd.wisconsin.gov

Learn more at www.wisconsinapprenticeship.org (https://dwd.wisconsin.gov/apprenticeship/)

## Application Requirements

Registered Wisconsin Apprentice

Minimum Qualifications:

- Be at least 18 years of age
- Have a high school diploma, GED or equivalency

## Approximate Costs

**Tuition**

Occupational

- $152.85 per credit (resident)
- $229.28 per credit (out-of-state resident)

Associate of Arts/Associate of Science

- $192.20 per credit (resident)
- $288.30 per credit (out-of-state resident)

Online students are not charged out-of-state fees.

**Student Fees**

- $5.00 minimum per course Material Fee
- $13.76 per-credit Supplemental Fee for Undergraduate courses
- $4.50 per term mandatory Student Accident Insurance Fee

Please refer to Tuition & Fee Information (https://catalog.morainepark.edu/admissions-registration/tuition-fee-information/) for additional enrollment fee information.

## Training Period

- 2-year apprenticeship under the hybrid model (both time-based and competency-based)
- 3,640 hours on-the-job training
- 360 hours of paid related instruction
- Complete Transition to Trainer course in the final year

## Working Conditions

Data analysts typically work full-time and may work in the evenings and weekends. They generally work in an office environment and spend most of their time using computers and viewing computer monitors.

## Course Requirements

| Course | Title | Credits |
|---|---|---|
| **Year 1** | | |
| **Semester 1** | | |
| 102-134 | Business Analyst Essentials | 3 |
| 152-105 | Relational Databases | 3 |
| 890-101 | College 101 | 2 |
| | **Credits** | **8** |
| **Semester 2** | | |
| 103-159 | Computer Literacy - Microsoft Office | 1 |
| | **Credits** | **1** |
| **Year 2** | | |
| **Semester 3** | | |
| 102-140 | Business Analyst Software Applications | 3 |
| 152-132 | SQL | 3 |
| | **Credits** | **6** |
| **Semester 4** | | |
| 102-136 | Elicitation Techniques | 3 |
| | **Credits** | **3** |
| | **Total Credits** | **18** |

Students must take course 47-455-455 Transition to Trainer, Your Role as a Journeyworker (complete in the final year).

## Program Outcomes

- Create technical specifications
- Perform data integration
- Query data
- Analyze data
- Present data

## Career Opportunities

- Data Analyst
- Reporting Analyst
- Data Engineer
- Software Engineer
- Business Intelligence Analyst
- ETL Programmer Analyst
- Big Data Engineer
- Report Writer/Developer
- Systems Analyst
- Technical Data Analyst