



ROBOT TRAINING ACADEMY

Micro-credentials in Data Processing
and Data Understanding





WHAT IS THE ROBOT TRAINING ACADEMY?

The Robot Training Academy is a training program that offers micro-credentials in Data Processing and Data Understanding. The programs are offered by rel8ed.to Analytics.

In these programs, participants will be trained in data processing, data science, and data understanding.

Participants in the Academy will also receive:

- **Certification in two areas:** Data Processing Technology and/or Data Understanding.
- **Hands-on experience** contributing to real world data projects (resume building work).
- Access to **expert-led workshops**.
- Potential **credit** on school transcripts.

The Academy runs from July 5th to August 13th.

WHY THE "ROBOT TRAINING ACADEMY"?

This is your chance to train robots. Seriously.

We'll give participants hands-on experience training AI -- because machines, no matter how fast, are limited. They need the help of a human eye (and brain).

At rel8ed.to we believe that the future of data lies not in technical skills, but in the *human skills* required to interpret data and fine-tune (or "train") our AI systems.

In this program you'll learn both parts of this essential data equation: the technical skills AND the analytical framework for working with data.



WHO IS THIS FOR?

Any high school, undergraduate, or graduate student with an interest in data analytics and AI.

All skill levels are welcome -- no previous data experience is required!

HOW DOES THE TRAINING WORK?

The Robot Training Academy is entirely remote, which means all you need is a computer and an internet connection.

There are two focus areas participants can choose from: **Data Processing** and **Data Understanding**.

The trainings offered in **Data Processing** include:

- Python Introduction
- Processing with Python
- Website Scraping
- Decision Tree Algorithms
- Querying Data

The trainings offered in **Data Understanding** include:

- Data Research
- Classify Data Sources
- Data Quality
- Website Tagging
- Ethics and Data Sources

Participants may elect to do both tracks if they wish, and will receive certification for each focus track they successfully complete.

TRAINING STRUCTURE

In class

1 hour lecture by subject matter expert on topic.

Professional lab

8-10 hours of hands-on experience such as identifying data sources and analyzing data sets. Students will gain experience contributing to real world projects and deliverables.

Quality assessment

A quality check is completed at each stage to ensure student success. Students earn a micro-badge for each quality check completion, leading up to their final certification.

Certification

After completing course work and passing quality assessments, students earn their digital certification in Data Processing and/or Data Understanding.



WHY ENROLL?

We believe the future of AI and Analytics-driven innovations will be defined by the “thinkers” as much as the “coders.” And we’ve been ignoring the role in finding smart thinkers to help our artificially intelligent systems deliver value. - Bob Lytle, CEO rel8ed.to

rel8ed.to Analytics designed this program because we believe the world is becoming more and more reliant on data. It's essential that we cultivate best practices for technology, processes, and delivery systems not just in our work -- *but also in the work and mindset of data citizens of the future.*

That's why we've partnered with institutions to offer this curriculum to any high school, undergraduate, or graduate student interested in data analytics.

Data is wonderful, especially when we use it to make connections. At rel8ed.to we are natural explorers of this important frontier.

And we want to share these possibilities with you.

ENROLL TODAY

Contact your institution to enroll or
email Lee Doucet at ldoucet@rel8ed.to

About Us

rel8ed.to Analytics enables deep business data analytics on Big + Open Data, delivering hidden insights about corporations. Through our Diligence™ platform, rel8ed.to combines North America's largest repository of business data with proprietary algorithms, revealing essential links between businesses, owners, suppliers, and competitors.

