

## We train on *your* schedule.

Visible Edge Institute has been providing classroom training for over 30 years and remote training for over a decade. Our flexible, comprehensive training programs are designed to accommodate individuals of **all** skill levels.

As a Licensed Post-Secondary Educational Institution, our training provides students with hands-on experience, in-depth skills in leading applications, and industry-recognized certifications. You'll get the opportunity to earn industry-recognized certifications in all of our programs.

Train remotely or in-center, while maintaining on-demand access to our live instructors. Students can also access training lessons 24/7 for self-study.

**Remote Attendance:** Remotely tap into our training center to work directly with live instructors on-demand via phone, video call, screen sharing, email, chat or text.

**In-Center Attendance:** Choose to attend training in our physical training center on your schedule, not ours. Our renovated in-center learning environment utilizes state of the art equipment and modern learning techniques including one-on-one live instructor interactions, digital materials, labs, and project work.



You may qualify to have your entire program paid for, 100%, with no out-of-pocket costs to you. All programs are federally approved by WIOA, Section 30, Trade Adjustment Act, Vocational Rehab, and more.

## We are a Veteran Friendly Institution.



GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). For more information about education benefits offered by the VA, visit the official U.S. government website at <http://www.benefits.va.gov/gibill>.

## GLOBAL HEADQUARTERS

**Visible Edge**  
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## CONTACT US



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# DATA SCIENCE & MACHINE LEARNING TECHNOLOGIES



78%

STATUS

Explore the fields of  
Data Science, Natural  
Language Processing  
(NLP), Machine Vision  
and Deep Learning.

# VISIBLE EDGE

Ve-I reserves the right to change fees, courses, topics, policies, programs, services and personnel as required. "On-Demand" refers to instructor and facility access during our normal business hours, which are Monday - Friday from 8:00AM to 5:00PM except Federal Holidays and shutdowns. Instructor support is limited to purchased training materials and labs. Remote setup assistance is included.

# LEARN HOW TO PUT YOUR ABUNDANCE OF DATA TO USE

Our Data Science & Machine Learning Technologies program is one of our most advanced and in-depth programs to date – exploring the expansive fields of Data, Natural Language Processing (NLP), Machine Learning, Machine Vision, Deep Learning, and related industry topics.

At the start of your program, you'll be introduced to fundamental Data Analytics, Data Science, Business Intelligence (BI), Tableau, and Machine Learning topics. These core topics will help prepare you for advanced topics covered moving forward in the program - including Business Data Analysis, Computer Science, and data software or applications.

As you progress on in the program, you'll dive into your choice of elective courses. Elective topics may include coding, coding concepts, data visualization, application engineering, applied statistical modeling, Tensorflow, ArcMap, ArcCatalog, ArcGlobe, ArcScene, and countless other related topics.

Our vast range of electives are included in the program to expand your skill set, boost your resume, strengthen your knowledge, increase your employment marketability, and give you a competitive edge.

Whether you're a current industry specialist or have no experience in the data field - our program can be customized to provide the skill set required to excel in the industry.

## HIGHLIGHTS...



Explore modern, updated tools and platforms used throughout the data industry and parallel industries **today**.



Enter the data science field in order to enter a high-demand profession that won't lose importance, become obsolete, or decrease in value to companies - regardless of their size or industry.



Discover why data is powering businesses around the globe - from hospitals to factories, cities, higher education, and global organizations.



Master numerous aspects of the industry and surrounding industries through your choice of elective courses. Choose from courses like Python, Pandas, Java, SQL, MATLAB, DJANGO, Power BI, Visio, and more.

## YOU'LL HAVE THE OPPORTUNITY TO EARN INDUSTRY-RECOGNIZED CERTIFICATIONS, INCLUDING BUT NOT LIMITED TO:



Tableau Certifications



Data Analytics Professional



Python Certifications



Google Analytics Certification



Artificial Intelligence (AI) Certifications



Machine Learning Certification



Microsoft Excel Certification



Amazon Web Services (AWS) Certification

## CORE CURRICULUM FOR THIS PROGRAM INCLUDES...

- Data Analytics
- Microsoft Excel
- Statistics for Data Science & Business Analysis
- SQL
- Tableau
- Tableau Certification Preparation + Exam
- Python
- Data Wrangling & Visualization
- Pandas
- Natural Language Processing (NLP) in Python
- Data Analytics Professional Certification Preparation + Exam

## ADDITIONAL ELECTIVE TOPICS MAY INCLUDE...

- Data Analysis, Data Analytics, & Data Science
- Architecting Big Data Applications
- Database Administration
- TensorFlow
- Keras
- Deep Learning
- R Programming
- Java
- Scala
- Power BI
- Business Intelligence (BI)
- Gis & ArcGis
- LabVIEW
- MATLAB
- Root Cause Analysis
- Applied Statistical Modeling
- C++ Programming
- Git & GitHub
- Hadoop
- Apache
- Project Management
- Microsoft Applications (Teams, Word, Excel, Access, PowerPoint, OneNote, Outlook, Forms, Planner, Visio, Project, OneDrive, SharePoint, PowerBI, & more.)
- *and more.*

**To learn more about this program, please visit:**

<https://www.visible-edge.com/data-science-and-machine-learning-technologies/>