

Data Science Immersive

Threat Intelligence. Proactively harden defense posture using Machine Learning.

Duration



400 hours

10 weeks, 8hrs / session

20 weeks, 4hrs / session

20 weekends, 10hrs / session

Schedule



Weekdays:

Mon-Fri, 9:00 AM - 6:00 PM CST

Weekdays Extended:

Mon-Fri, 9:00 AM - 1:00 PM CST

Weekends:

Sat-Sun, 8:00 AM - 6:00 PM CST

Certifications



Microsoft Security Operations
Analyst (SC-200)



CompTIA CySA+

Contact Us



Divergence Academy
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Addison, TX 75001



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<https://divergence.one>

Program Structure

Courses:

Modeling for Insights | 120 hours

- Threat Intelligence Context and Data Foundations
- Kusto Query Language for Security Operations Analyst
- Analytics Capstone

Modeling for Prediction | 120 hours

- Python for Data Analysis
- Machine Learning
- App Capstone

Scaling for Analytics & Capstone Project | 160 hours

- Behavioral Analytics
- Data Engineering for large-scale Security Analytics
- Extended Data Engineering & Final Capstone

Cyber Threat Intelligence (CTI) is an advanced process enabling organizations to gather valuable insights based on the analysis of contextual and situational risks. Giving organizations the ability to anticipate breaches before they occur and to respond quickly, decisively, and effectively when they do allows them to proactively maneuver defense mechanisms into place before and during the attack.

Today’s secure environment is not guaranteed to be secure tomorrow, so an organization cannot allow itself to become complacent. Knowing how to take a small piece of malware, find out who is responsible for launching it, the threat actor’s location, and how to take down that threat actor adds essential value to an organization.

By the end of the program, you’ll know how to understand and prioritize cyber threat intelligence processes using log data and machine learning and how it can be integrated into an organization’s security operations to drive impact for your future employer.

Support Services

- Perfect your resume, expand your professional network, and prepare for job interviews.
- Engage with classmates and instructors in shared study group channels over Microsoft Teams.
- Access exam vouchers for up to 180 days after the program ends, and use them within one year.

Data Science-Related Jobs

Beyond providing certification prep and top-notch support from our dedicated team, this hands-on program prepares you for jobs such as:



Security Analyst



Compliance Analyst



Security Engineer



Threat Hunter



Threat Intelligence Analyst



Application Security Analyst

Flexible Options to Found Your Future

Start today, with \$0 paid up front

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is a registered trademark of the U.S. Department of Veterans Affairs (VA). For more information about VA education benefits, visit the U.S. government website.

VET TEC

You can use VET TEC without taking away from your GI Bill. You need only one day of unexpired GI Bill benefits to participate.

Installments

of three payments, \$6,000 each—and \$0 paid up front.

Loans

from one of our high-quality lenders for as little as \$600 a month.

Contact our admissions department at **833-DIVERGE** for more funding options.