AZNext

Arizona State University

Closing the Skills Gap to Build the Future Workforce

AZNext is a training program designed to create a bold, innovative, and sustaining workforce development ecosystem that addresses the need for more skilled workers in IT, cybersecurity, and advanced manufacturing roles in Arizona and across the U.S.

Provided at no cost to the participant.

Contact Us

Email
AZNext@asu.edu

Website
aznext.pipelineaz.com

Social Media
Twitter: @AZNext_ASU

LinkedIn: AZNext

Learn to Manage and Protect Your Vital Business Data

AZNext is now offering two courses to Master AI and Data Governance

What is the Data Mastery Program?

Today's technologists and innovators are operating in a unique environment. After a years long quest for growth, investors now crave efficiency and profitability. The power of scale offered by global identities and cloud platforms stacks up against threats like security breaches, data misuse, and localization demands by host countries. The strong adoption of and discussion around Generative Artificial Intelligence (GenAI) presents business opportunities without a fuller understanding of the risks around limitations in training data, encoded bias, hallucinations, data leakage, copyright issues, privacy regulations, cybersecurity/phishing attacks, data poisoning, prompt jailbreaking, etc.

The AZNext Data Mastery program will help prepare you to more effectively collect, protect, and harness data so that you can grow your business, protect your customers from data misuse, and operate more efficiently during times of challenges and changes.

When and where the program is offered?

This is an open enrollment, virtual course that will be offered on Zoom. This program will be offered over a 5-week duration. You are not required to take both but we strongly encourage you to review Course 1 before attending Course 2. You do not need to be an ASU student to take this class.

What do I need to know to take this class?

These courses will help equip leaders to operate, innovate, and self-educate from a technical, data governance, and business standpoint. We will prepare you not just for the GenAI revolution but for the next several revolutions as well, so as to boost your business and career as well as protect your users.

Program overview

Upon completion of this 10-week course, you will be able to:
- Build a solid data governance framework to help identify and manage business risk with buy-in from key cross-functional partners.
- Develop tooling and processes for data protection to help drive regulatory compliance in the absence of set global standards and prescriptive laws.
- Enable review and consulting processes to identify risks inherent to data in how it is collected, processed, and shared.
- Measure the maturity of your organization's overall data-handling processes.
- Build a dynamic and evolving data strategy to adapt to limitations in training data, bias, hallucinations, data leakage, copyright issues, privacy regulations, insider risk, cybersecurity/phishing attacks, data poisoning, etc.
- Communicate at the right levels with different organizational layers ranging from IC to C-Level and from the whiteboard to the board level.

This program offers two, 5-week courses. You may take one or both courses. However, we strongly encourage you to review Course 1 before attending Course 2.

Course 1: Foundations: AI and Data Governance
- Week 1 - Big Data in the Age of GenAI: Opportunities and Challenges
- Week 2 - Changing Landscape in Data Governance: Classification and Inventory
- Week 3 - Tabletop Exercise I (Classification)
- Week 4 - Building Centralized Data Governance Tooling
- Week 5 - Tabletop Exercise II (Compliance Management)

Course 2: Compliance and Risk Management: AI and Data Governance
- Week 1 - Risk Management Framework I: Identification and Protection
- Week 2 - Risk Management Framework II: Detection and Recovery
- Week 3 - Data Governance: Data Sharing
- Week 4 - Building with Metrics
- Week 5 - Communicating with Context and Tailoring to the Right Audience

Program cost

This program is offered to AZNext participants at NO COST, please keep in mind this class will be filled on a first-come, first-serve basis with any additional students being put on a waitlist until seats are available.

Admission Requirements

- 17 years or older
- Have a high school diploma or GED
- Interested in a technology career or upskilling existing technical skills