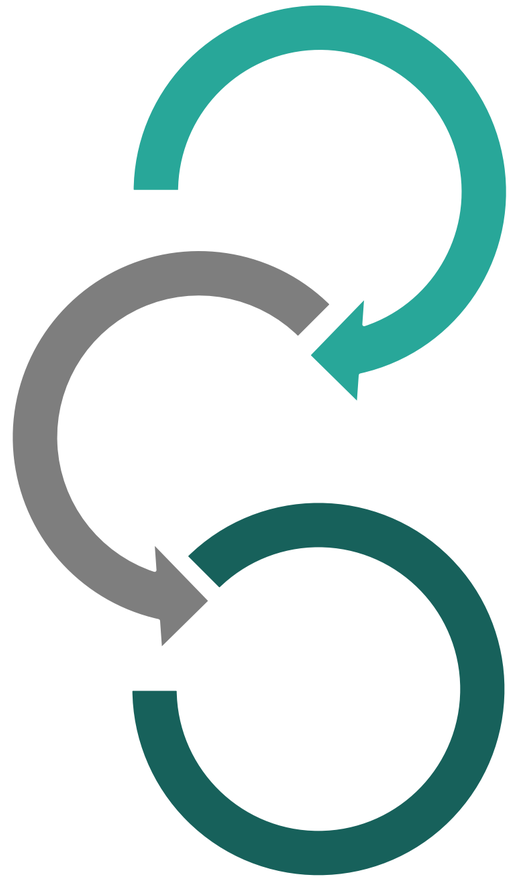
Data & IT Governance



Presented by ANB Advisory Group
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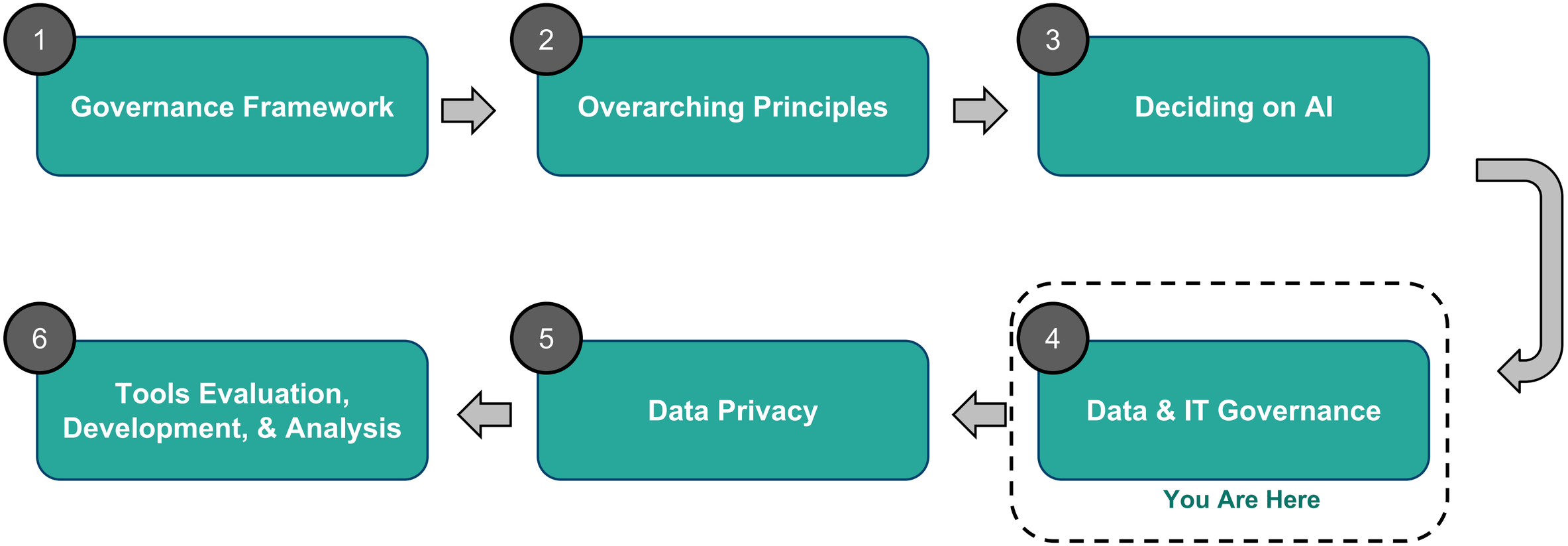
Six modules will guide you through important considerations for nonprofits when implementing AI



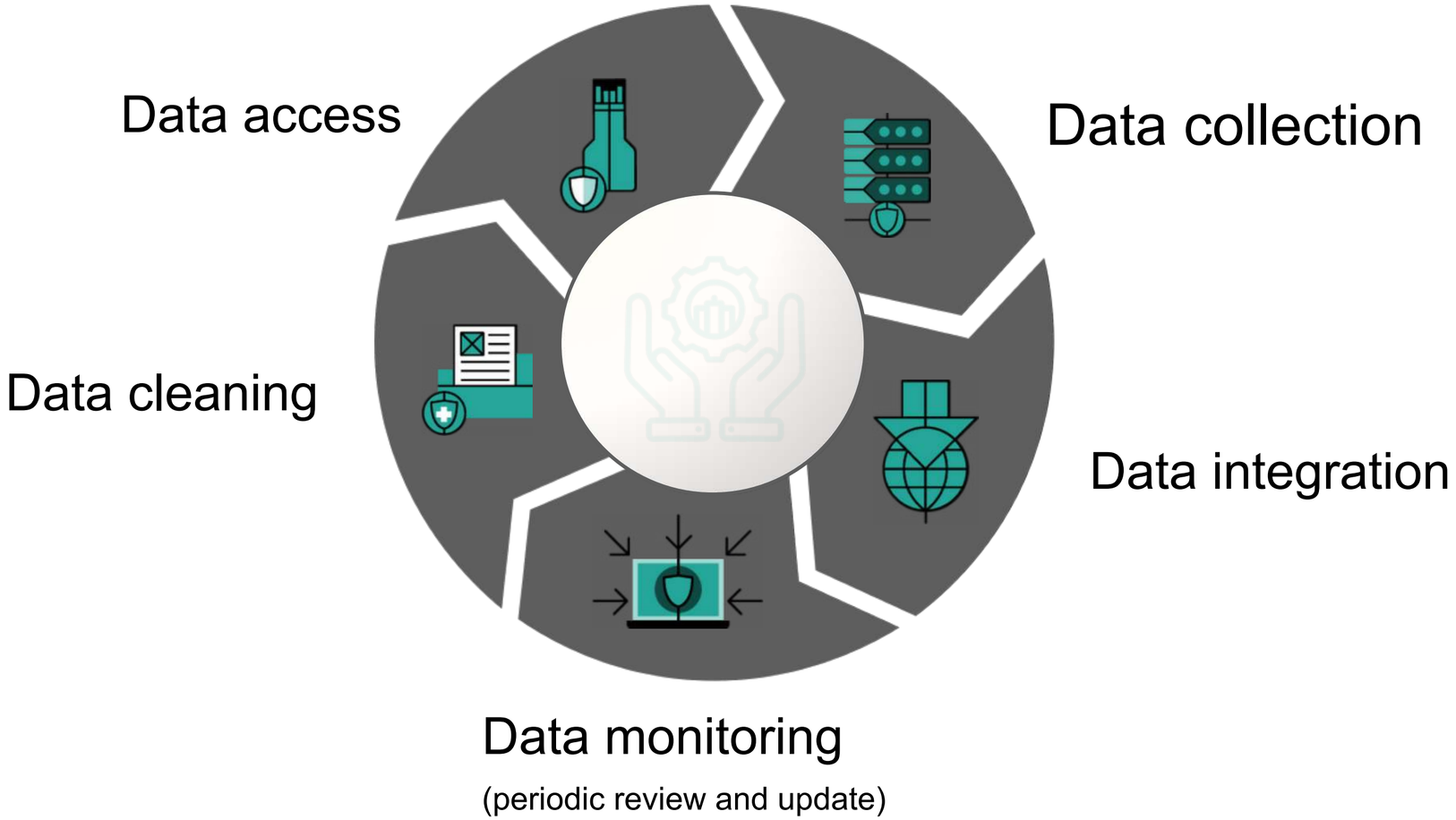
At the end of this module, you will…

- Understand the relationship between high quality data and high quality AI tools
- Know specific methods to implement data governance in your data and tools
- Identify best practices for creating a strong data culture in your organization

Why does data matter?

- Data powers AI
- Can think of AI as an advanced data analytics
- Previous conversations about data-driven decision-making still apply
- How organizations think about using data falls under data, and sometimes IT, governance

AI data governance and management includes 5 parts



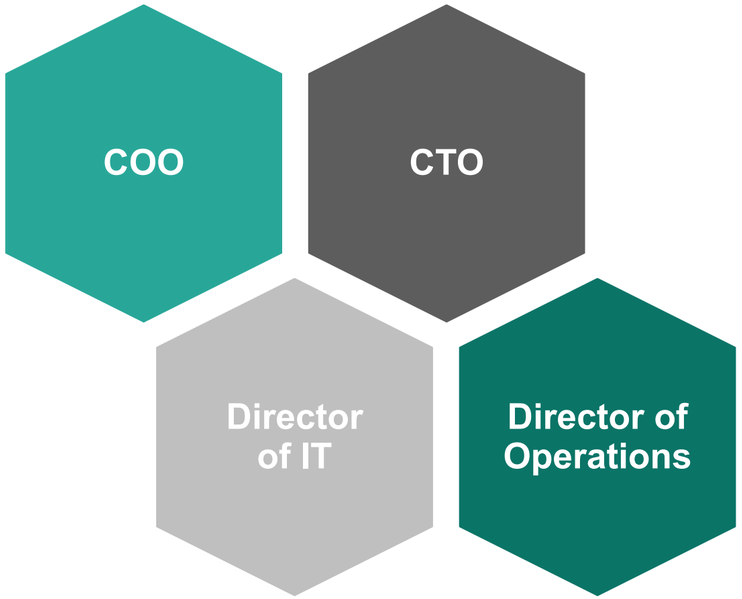
AI data governance traces data, ensures access to necessary tools, and manages bias

- Traces and documents the origin of data, associated models and metadata, and overall data pipelines for audit*
- Plays a key role in ensuring that AI practitioners across the organization have access to the tools they need for AI development
- Enables organizations to combat bias by intentionally collecting, structuring, and using data

*On page 13, here is IBM's approach to defining governance: https://www.ibm.com/downloads/cas/G9KXO4WK"

Though role title may vary, the chief steward of data is responsible for two main functions

- One of several roles may be the chief steward of data within an organization



- Although one of the above roles likely holds ultimate responsibility for data governance, it is important for data/tech teams to work closely with programs teams

Responsibilities

Create a central AI technical resource allows for greater insight into all the AI initiatives in the organization

Create a structure for monitoring AI projects

Data governance can be implemented in a variety of ways

- A cross-functional (sometimes including community members in addition to staff) tech and data committee to review data sources
- A Slack channel that functions as a technical resource on what inputs are acceptable for prompts
- A section in the organizational handbook that covers how to audit to the accuracy of generative AI for your use cases
- A session during onboarding that orients new staff into AI tools used, policies, procedures, risks, and change management
- Establishing accountability by assigning responsibility for monitoring and maintaining ethical standards

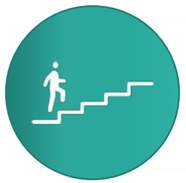
Remember, vendors work for you!

Consider reviews and recommendations from nonprofit communities (NTEN, Tech Soup, Microsoft)

In addition to cost, ask vendors:

- How does their product fit – or not – into your environment?
  What additional work in your IT environment is required to support their product?
- What does short-term and long-term maintenance look like?
- What training do they provide for users?
- What was their AI tool trained on?
- Who is responsible for monitoring output? What happens if something goes wrong – who can turn off the tool and what does repair look like?

There are several best practices to keep in mind as you begin to implement strong data governance practices



Start small with an important but not mission-critical issue that your organization is facing

While the initial tooling might be applicable to a core team to confront the issue or problem, make the technology available to other teammates

Ethical controls should be embedded in every step of data management and model development, underlying data and bias protection, and change management for adoption

Establish accountability by assigning responsibility for monitoring and maintaining ethical standards

Provide periodic training for team members on ethical data-use and decision making

THANK YOU!

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