

The background of the slide features a large, faint, circular seal of the State of Indiana. The seal contains the text "SEAL OF THE STATE OF INDIANA" around the top and "1816" at the bottom. In the center of the seal is a landscape with a rising sun, a plow, and a sheaf of wheat, with a figure standing in the foreground.

Data Strategy

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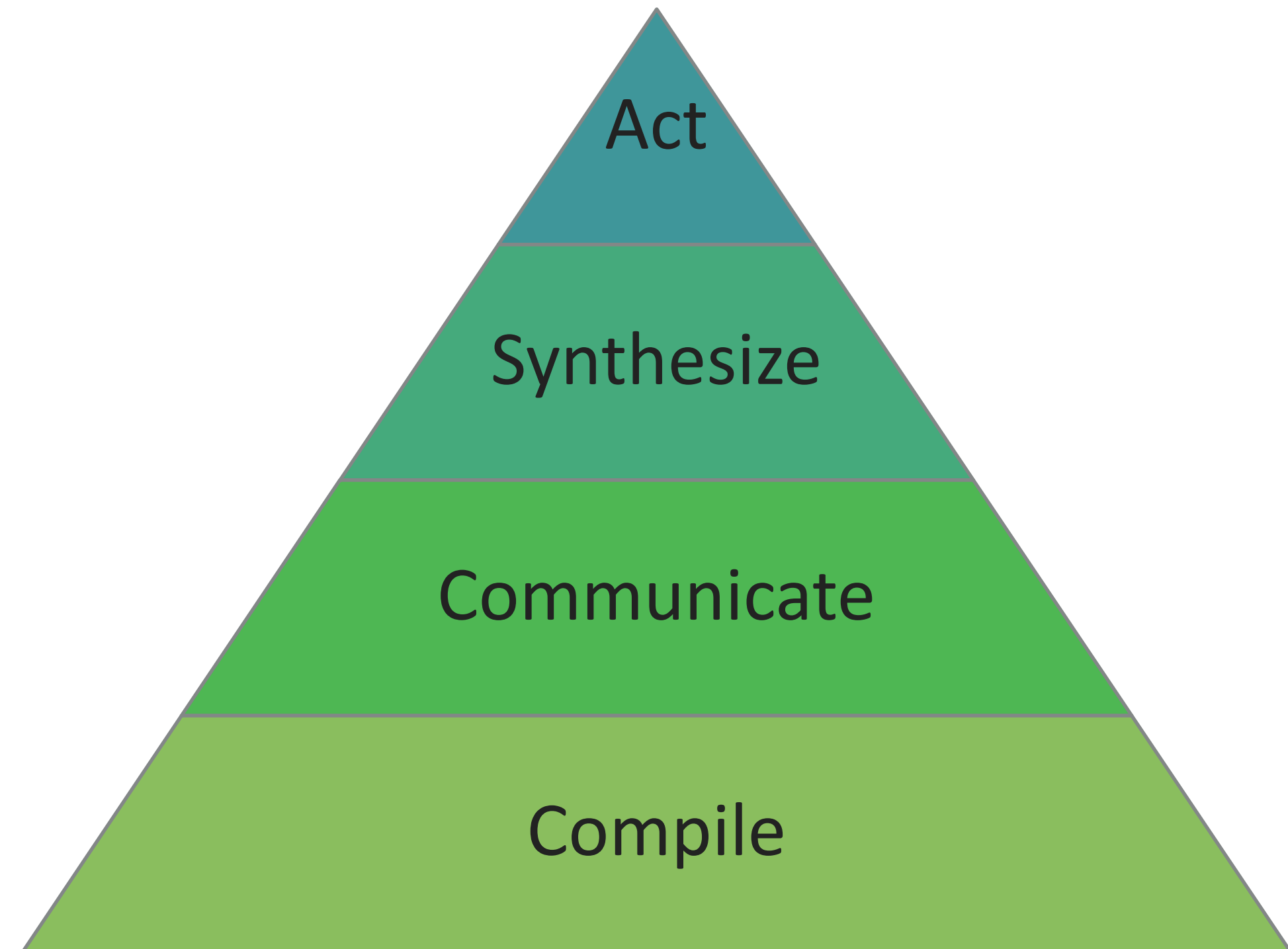
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BUILDING A DATA STRATEGY

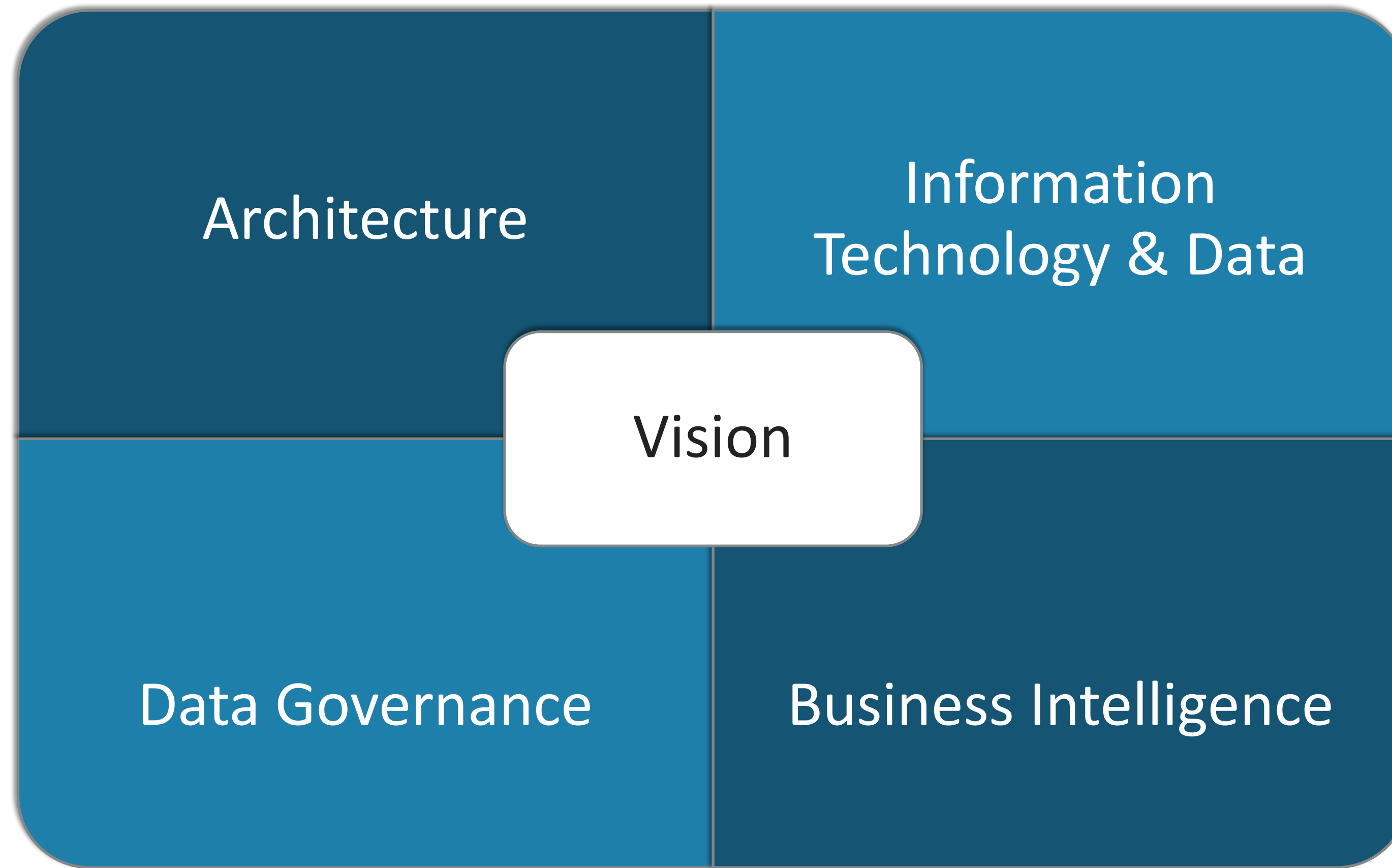
- ▶ What is Data Strategy?
 - ▶ Foundation for achieving Data Vision
- ▶ What is our Data Vision?
 - ▶ Optimize Operations
 - ▶ Leading -> Lagging -> Forecasting HOPE Agenda Initiatives
 - ▶ Create Value from Data

CREATING DATA VALUE

- ▶ How do we create Data Value?
 - ▶ Usable
 - ▶ Useful
 - ▶ Used



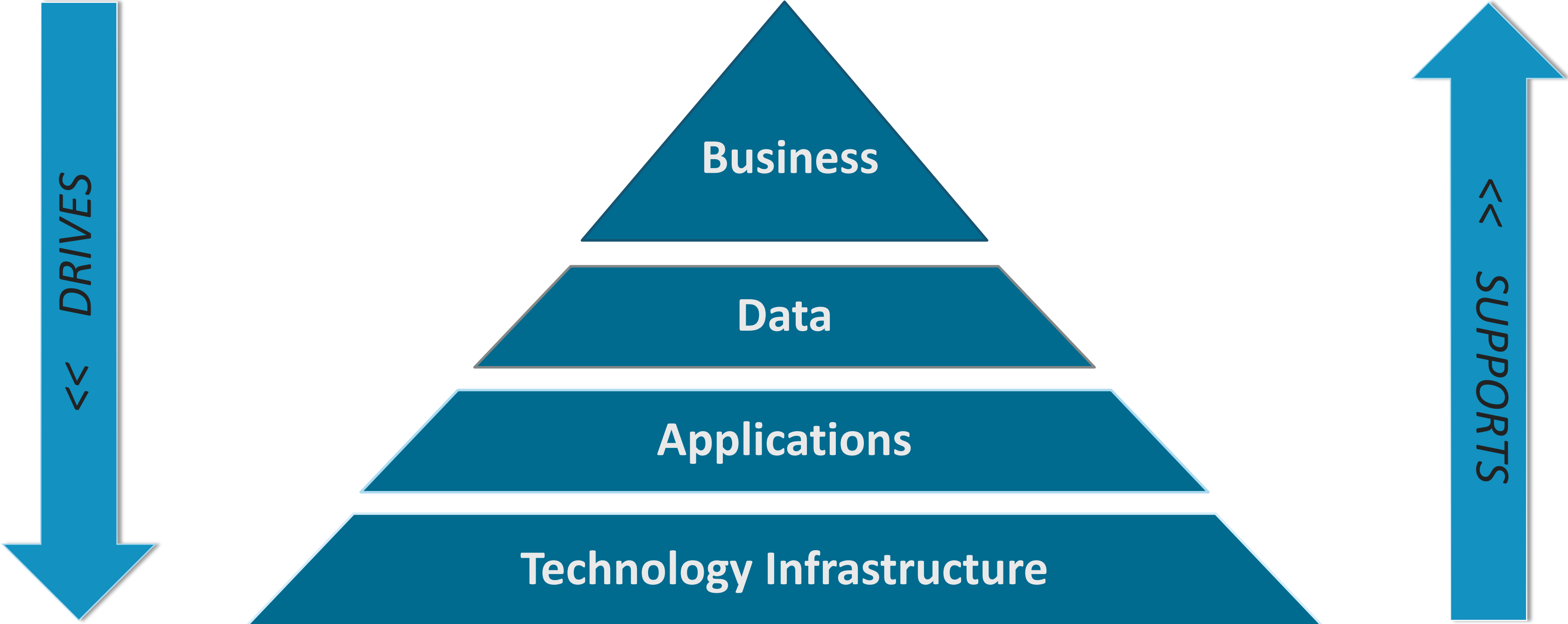
COMPONENTS OF DATA STRATEGY



ARCHITECTURE

- ▶ What is Enterprise Information Technology Architecture and Data Architecture?
- ▶ Data architecture underpins data management & business intelligence.
 - ▶ Not set in stone. Evolves as organizational needs change and new technologies emerge.
 - ▶ Seeks to ensure data is useful (i.e., avoid redundant data storage).
 - ▶ Outlines how data is stored and used. Physical data models define how databases are structured, indexed, stored, and must also consider performance. Performance relies on IT infrastructure.
 - ▶ Integrations between systems/applications supports the exchange of data.

ARCHITECTURE



IT & DATA MANAGEMENT

- ▶ CHE systems ingest, process, secure, and store data via software application integrations.
- ▶ Such processes are to align with enterprise IT governance framework.
- ▶ Data is to be encrypted while stored and in transit (moving between two entities).
- ▶ Remain cognizant of where state data is stored.
- ▶ IT governance, risk and compliance.

DATA GOVERNANCE

- ▶ Standardizes how data is accessed, used, shared, and monitored
- ▶ More Data <> Better Data
- ▶ Policies and Procedures
- ▶ Use technology to streamline and share information



BUSINESS INTELLIGENCE

- ▶ From Research to Action
 - ▶ Data -> Data Analysis -> Insights -> Decisions & Action
- ▶ Preserve High Impact Reporting
- ▶ Re-Imagine Annual Report
- ▶ Exploring Opportunities for “Fresh” Data

CURRENT PROJECTS

- ▶ CHEDSS2 Launch
- ▶ HOPE Agenda Dashboard (Public)
- ▶ HOPE Insights and Landscape Dashboard (Internal)
- ▶ National Student Clearinghouse Data
- ▶ Integration of CTE and Financial Aid Data



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HIGHER EDUCATION