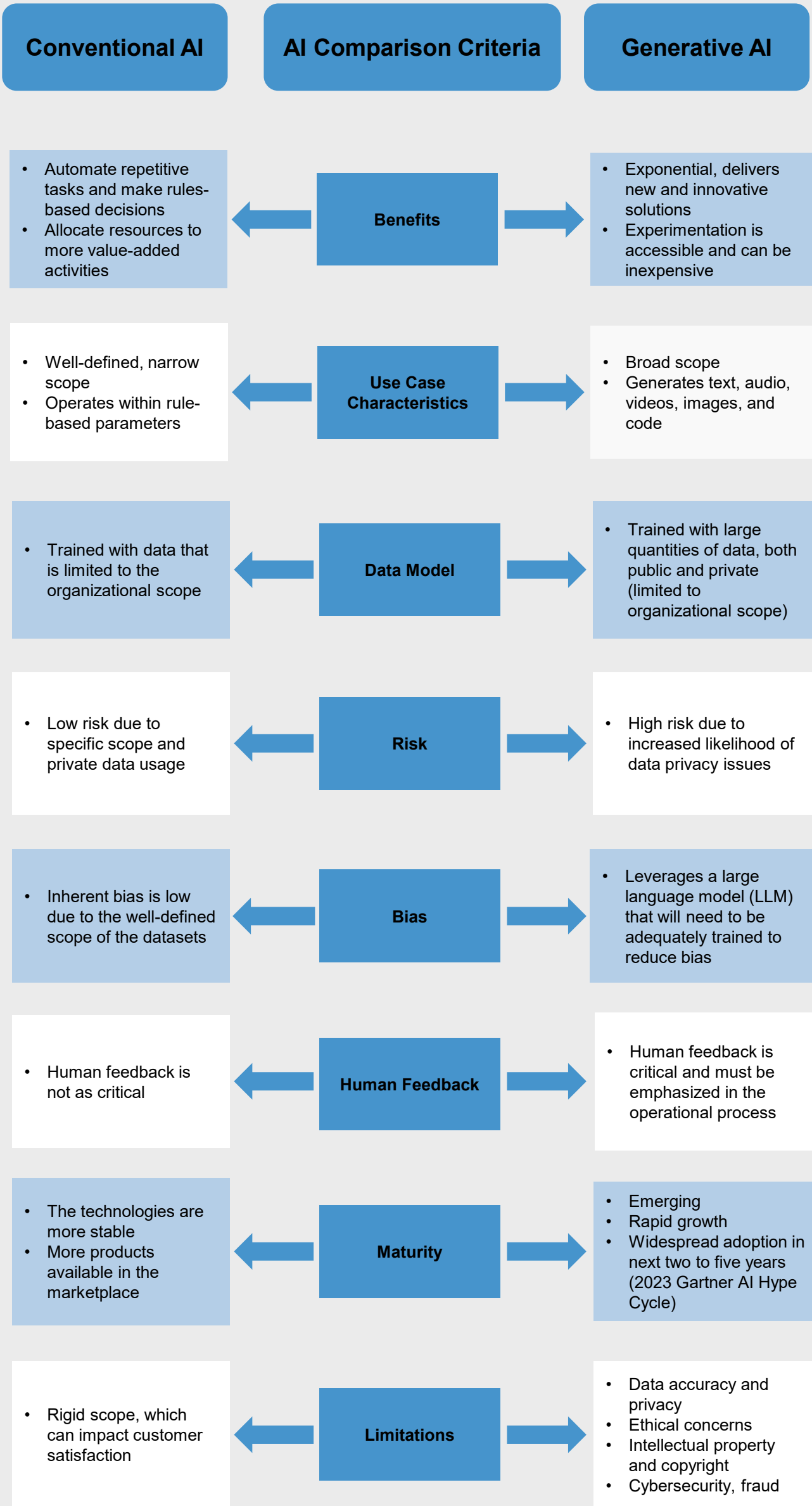
Conventional AI
AI Comparison Criteria
Generative AI
Automate repetitive tasks and make rules-based decisions
Allocate resources to more value-added activities
Benefits
Exponential, delivers new and innovative solutions
Experimentation is accessible and can be inexpensive
Well-defined, narrow scope
Operates within rule-based parameters
Use Case Characteristics
Broad scope
Generates text, audio, videos, images, and code
Trained with data that is limited to the organizational scope
Data Model
Trained with large quantities of data, both public and private (limited to organizational scope)
Low risk due to specific scope and private data usage
Risk
High risk due to increased likelihood of data privacy issues
Inherent bias is low due to the well-defined scope of the datasets
Bias
Leverages a large language model (LLM) that will need to be adequately trained to reduce bias
Human feedback is not as critical
Human Feedback
Human feedback is critical and must be emphasized in the operational process
The technologies are more stable
More products available in the marketplace
Maturity
Emerging
Rapid growth
Widespread adoption in next two to five years (2023 Gartner AI Hype Cycle)
Rigid scope, which can impact customer satisfaction
Limitations
Data accuracy and privacy
Ethical concerns
Intellectual property and copyright
Cybersecurity, fraud