THE DEFINITIVE GUIDE TO

VOLUME I

Thriving on Disruption

REFRAMING AND NAVIGATING DISRUPTION

ROGER SPITZ WITH LIDIA ZUIN

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Artificial Intelligence, Decision-Making & Techistentialism

- We are entering an era of "Techistentialism," a term we use to describe **the nature of human existence** in our technology-driven world, as we face inseparable technological and existential conditions

"

Looking forward, the question is not how much machines will augment human decision-making, but whether humans will remain involved in the process at all.
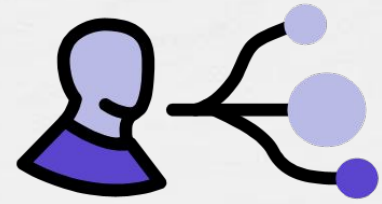
EXCERPT FROM VOLUME I,
REFRAMING AND NAVIGATING DISRUPTION

Techistentialism studies the nature of human beings, existence, and decision-making in our technological world.
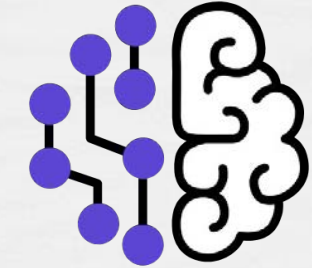
Comparing Existentialism with Techistentialism

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EXISTENTIALISM	TECHISTENTIALISM
Existentialism: 19th and 20th Century	EXISTENTIALISM 2.0: 21ST CENTURY
Exclusively human decisions	HUMAN & ALGORITHMIC DECISION-MAKING
Existential condition	EXISTENTIAL AND TECHNOLOGICAL CONDITION
Being human in the world	EXISTENCE IN OUR TECHNOLOGICAL WORLD
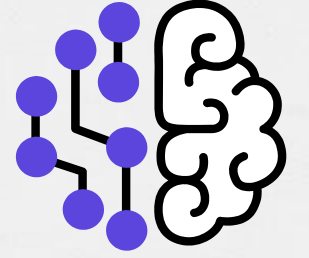
Artificial Intelligence in the Decision-Making Value Chain

==DETECT & COLLECT INTELLIGENCE==

AI Extraction
Weak signals

==INTERPRET==

ML & Pattern recognition
Insights **anticipate what will happen**

==MAKE AND IMPLEMENT==

Connect intelligence to decision
Heuristics-based today

Descriptive ➔ **Predictive** ➔ **Prescriptive**

DESCRIPTIVE DATA ANALYTICS

- Analytics–driven
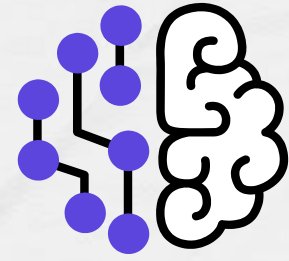- **Historic & current data**
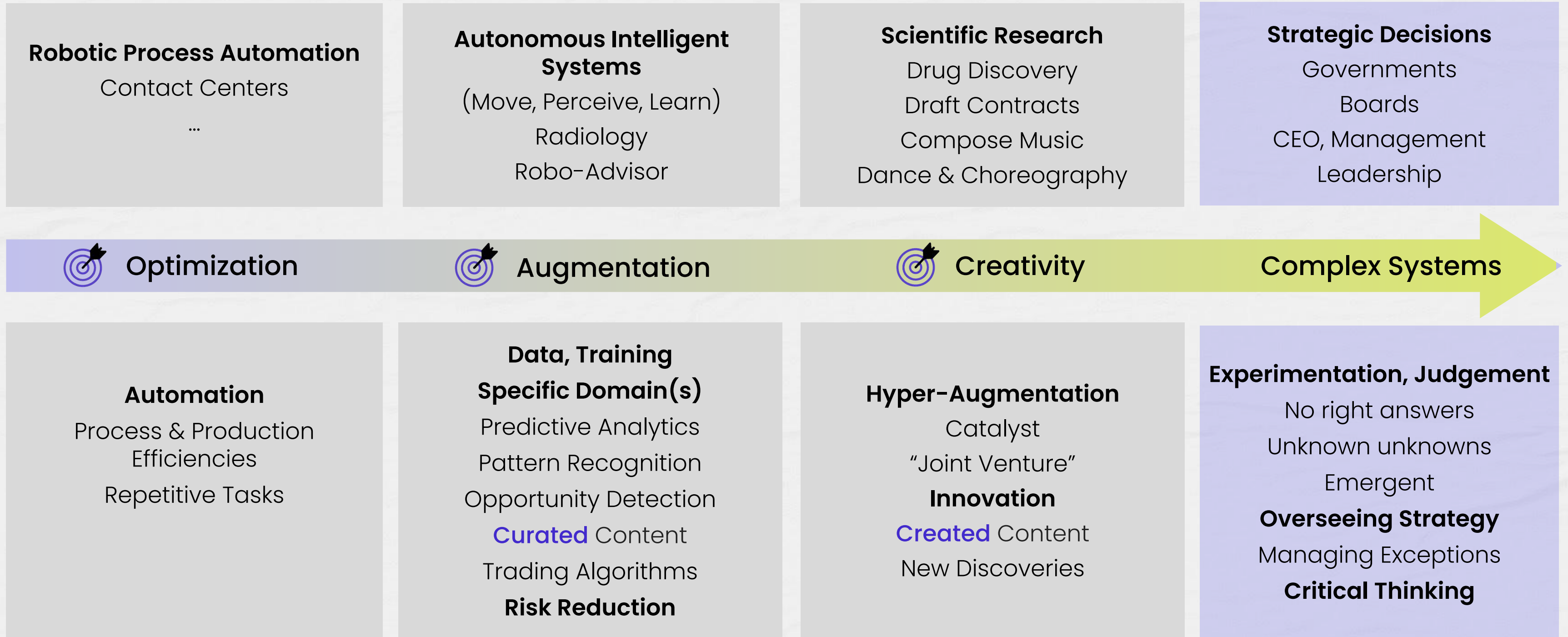- Describe what has happened

`100110101010101`

ALGORITHM-AUGMENTED

- **Support decision-making**
- Probabilistic: Predictive analytics
- Discovery & evaluation
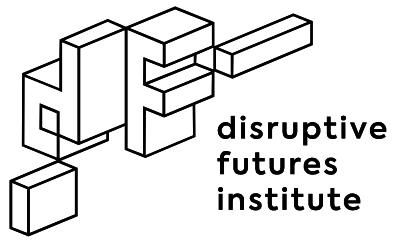- Accelerate **"infinite" simulations**

PRESCRIPTIVE ANALYTICS

- **Decide preferred option**
- Human edge today
- Action-Trigger
- Autonomous decisions

ML = Machine Learning | NLP = Natural Language Processing

Machines Have an Increasing Role in the Value Chain

Robotic Process Automation	Autonomous Intelligent Systems	Scientific Research	Strategic Decisions
Contact Centers ...	(Move, Perceive, Learn) Radiology Robo-Advisor	Drug Discovery Draft Contracts Compose Music Dance & Choreography	Governments Boards CEO, Management Leadership

🎯 Optimization → 🎯 Augmentation → 🎯 Creativity → Complex Systems

Automation	Data, Training Specific Domain(s)	Hyper-Augmentation	Experimentation, Judgement
Process & Production Efficiencies Repetitive Tasks	Predictive Analytics Pattern Recognition Opportunity Detection Curated Content Trading Algorithms **Risk Reduction**	Catalyst "Joint Venture" **Innovation** Created Content New Discoveries	No right answers Unknown unknowns Emergent **Overseeing Strategy** Managing Exceptions **Critical Thinking**

🎯 = STRONG AI ROLE

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Trends continue...
until they don't.

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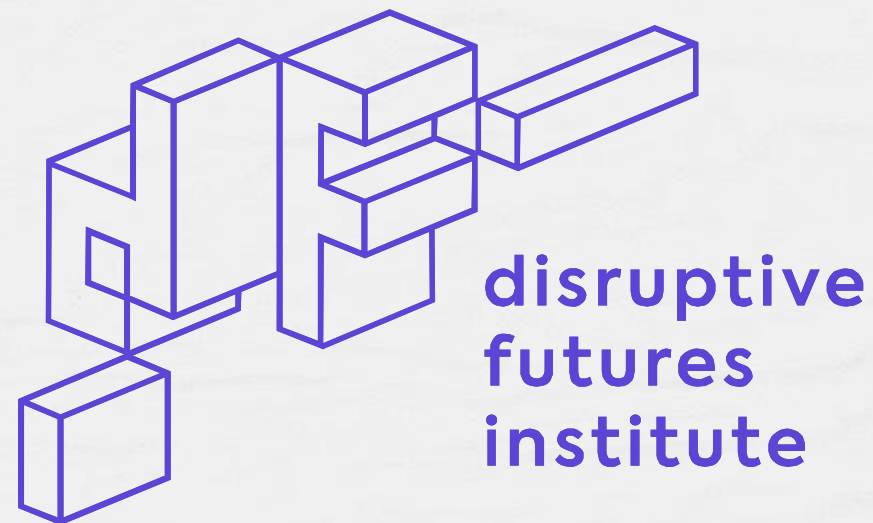
Contact us at: info@disruptivefutures.org

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