



DR. DAVE CHATTERJEE

Ph.D.

Cybersecurity & AI Readiness Consulting

Transforming Cybersecurity and AI Governance from Compliance to Strategic Advantage

Organizations today face an escalating wave of cyber threats, AI-enabled attacks, regulatory scrutiny, and operational disruption. Yet many treat cybersecurity and AI risk as isolated technical concerns rather than strategic governance challenges.

Dr. Chatterjee's advisory services help organizations strengthen digital trust, resilience, and responsible innovation — grounded in the Commitment–Preparedness–Discipline (CPD) framework.

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THE CPD METHODOLOGY

The Commitment–Preparedness–Discipline Framework

The CPD framework offers a holistic and dynamic model for cybersecurity governance. Unlike conventional cybersecurity assessments that focus narrowly on technology controls, CPD evaluates organizational readiness across cybersecurity, AI risk, and governance performance — ensuring these disciplines are embedded in strategy, operations, and leadership accountability.

COMMITMENT

Leadership & Governance

Leadership engagement, governance structures, security culture, and responsible AI oversight.

PREPAREDNESS

Technical Safeguards

Technical safeguards, AI system security, threat detection capabilities, and operational resilience.

DISCIPLINE

Execution Rigor

Execution rigor, continuous monitoring, AI model validation, and institutional learning.

HOW CPD DIFFERS

Traditional Frameworks

- × Prescribe controls and compliance checklists
- × Focus narrowly on technology and tools
- × Snapshot assessments at a point in time
- × Treat security as a technical function

The CPD Framework

- ✓ Build the environment where controls succeed consistently
- ✓ Integrate leadership commitment, readiness, and execution discipline
- ✓ Continuous monitoring, validation, and institutional learning
- ✓ Embed security in strategy, culture, and governance

Meaningful and sustained security outcomes emerge when executive Commitment, organizational Preparedness, and disciplined Execution operate in lockstep. In the age of AI-accelerated threats, organizations that institutionalize these three dimensions will be far better positioned to sustain digital trust.

WHAT YOU RECEIVE

Three Deliverables. One Integrated Engagement.

Every engagement produces three concrete, board-ready outputs — each building on the last to move your organization from diagnosis to action.

DELIVERABLE 01

Readiness Assessment

A comprehensive, CPD-based evaluation of your cybersecurity posture and AI governance maturity.

- Leadership, governance & accountability for cyber and AI risk
- Security architecture and operational resilience
- AI model risk management and responsible AI oversight
- Incident response and business continuity readiness
- Vendor, supply chain, and third-party AI risk
- Monitoring, audit, and continuous improvement

OUTPUT: Quantified readiness score + maturity profile

DELIVERABLE 02

Baseline Report

A detailed executive report that translates technical findings into clear business implications for leadership and boards.

- Cybersecurity and AI governance maturity score
- Benchmarking against NIST, ISO 27001, HIPAA, and GDPR
- Identification of organizational strengths and vulnerabilities
- Strategic recommendations for improvement

OUTPUT: Board-ready executive risk assessment report

DELIVERABLE 03

Strategic Roadmap

A prioritized 12-month implementation plan to elevate cybersecurity and AI governance maturity.

- Establishing cybersecurity and AI governance structures
- Deploying SOC monitoring and AI threat detection
- Developing incident response and AI risk escalation playbooks
- Implementing continuous monitoring and red-team validation
- Strengthening governance around AI-driven decision systems
- Preparing for deepfakes, AI-generated attacks, and post-quantum cryptography

OUTPUT: Prioritized implementation roadmap — 12-month horizon

STRATEGIC OUTCOMES & SIGNATURE ENGAGEMENT

What Clients Achieve

- Stronger cybersecurity and AI governance oversight
- Reduced breach risk and improved resilience to AI-enabled threats
- Faster incident detection and response
- Improved regulatory and compliance posture for AI and cybersecurity frameworks
- Greater customer, partner, and stakeholder trust
- Secure foundation for AI-driven digital transformation

SIGNATURE ENGAGEMENT

Executive Guidance & Briefing

A structured engagement designed to give leadership clear visibility into cybersecurity risk and a strategic roadmap for improvement.

Deliverables include:

- Cybersecurity and AI governance readiness score
- Executive risk assessment report
- Prioritized improvement roadmap
- Board-ready briefing on cyber and AI risk oversight

ABOUT DR. CHATTERJEE

Globally Recognized Authority in Cybersecurity & AI Governance

Dr. Dave Chatterjee, Ph.D., is a globally recognized authority on cybersecurity strategy, AI governance, and operational resilience. He is an Adjunct Associate Professor at Duke University's Pratt School of Engineering and a former tenured faculty member at the University of Georgia.

Dr. Chatterjee is the creator of the Commitment–Preparedness–Discipline (CPD) framework, an empirically grounded model that helps organizations translate cybersecurity and AI strategy into resilient execution under real-world operational pressure.

He advises global enterprises and public-sector organizations on cybersecurity governance, AI risk management, and digital resilience, working with senior leadership teams to align technology innovation with risk accountability and business continuity. His experience includes service on CISO SWAT teams and strategic advisory boards addressing complex cyber and AI-driven challenges.

Dr. Chatterjee is the author of *Cybersecurity Readiness: A Holistic and High-Performance Approach* and the Amazon-bestselling techno-thriller *The DeepFake Conspiracy*. He hosts the globally recognized Cybersecurity Readiness Podcast Series and is featured on the RSA Conference Expert Portal. His thought leadership spans academic, industry, and policy forums worldwide.

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