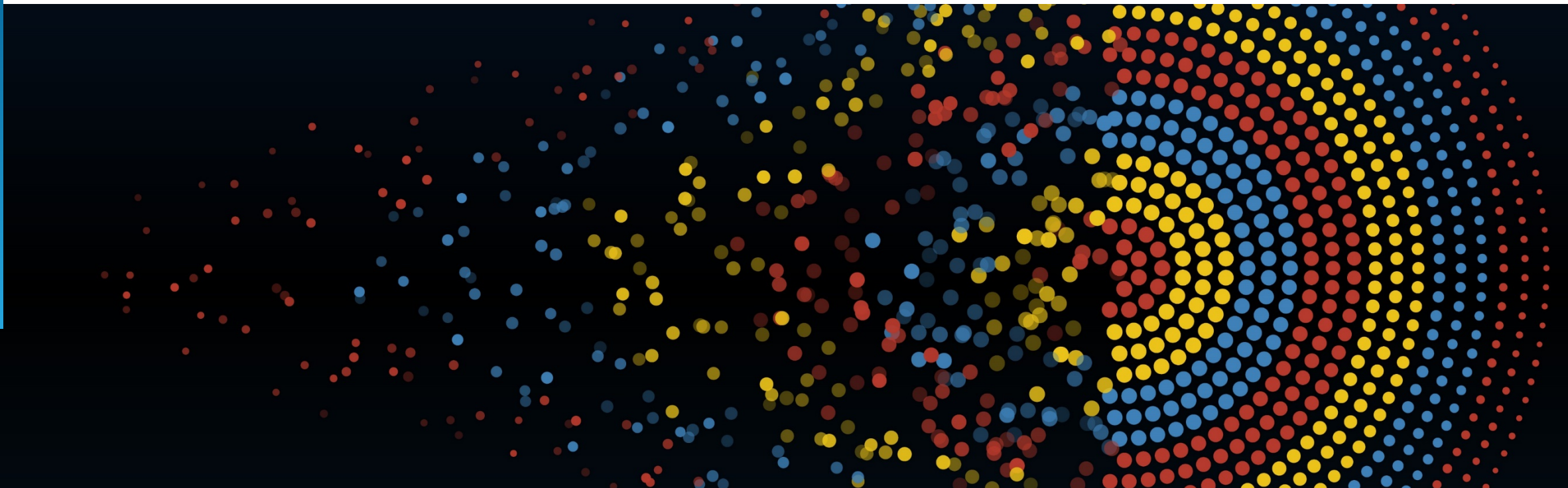


Decoding the Data Privacy Regulatory Landscape

November 2022: Complimentary Abstract / Table of Contents



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For more information on this and other research published by Everest Group, please contact us:

Vishal Gupta, Vice President

Arpit Mehra, Practice Director

Nikhil Malik, Senior Analyst

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Introduction

There has been an exponential rise in data volumes over the last decade, due to which there is now a pressing need for enterprises to gain data-backed business insights. This has resulted in rapid scaling of AI and ML systems across organizations. However, the continuous growth of AI systems comes with its own set of challenges, especially in the form of massive requirements for data.

The data economy is at the precipice of change in current times. No more can any data set be shared between two parties. Multiple data regulations have come into the picture, protecting the rights of people whose data is being circulated.

In this report, Everest Group understands and decodes the evolving data privacy, governance, and AI regulations using six key tenets along with the impact of these regulations on different industries. Everest Group also explores the path forward and technological advancements happening in the form of Privacy Enhancing Technologies (PETs) that can ensure improved compliance levels for enterprises going forward. Enterprises are looking at improving their compliance based on the lever and type of investments required, which have been covered in the final section of the report.

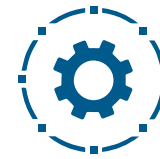
Scope of this report



Geography
Global



Industry
All



Services
Data analytics



Use cases
Only publicly-available information

Overview and abbreviated summary of key messages

This report examines global data privacy, governance, and AI regulations and the impact of these regulations on different industries. It discusses the importance of these regulations and helps identify the technological advancements happening in the form of Privacy enhancing technologies (PETs) that can ensure improved compliance levels for enterprises going forward. The report also helps understand PET's through case studies and identify major providers for these technologies.

Some of the findings in this report, among others, are:

Introduction to data regulations

- Cyber Attacks, Bad Governance, and Intentional Data misuse are the key reasons for the rise in data breaches
- Data privacy and security is emerging as a key c-suite priority and enterprises that invested early on are earning RoI as a competitive advantage

Decoding Data Regulations

- With the ever-expanding use of AI and ML systems across industries, AI regulations are coming up thick and fast
- The regulations focuses on excellence in AI and trustworthy AI by holding the enterprises accountable via several compliances and penalties

Privacy Enhancing Technologies (PETs)

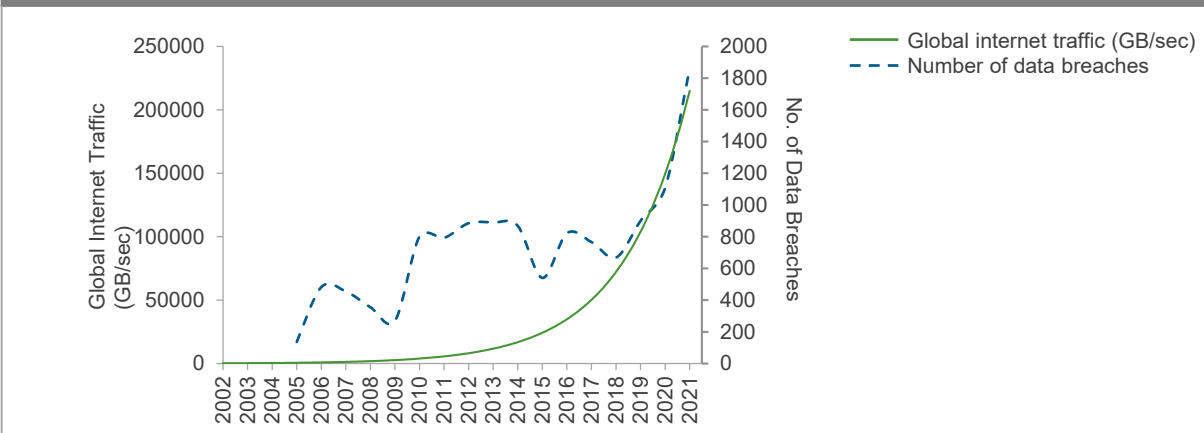
- Privacy-enhancing technologies provide sustainable, robust, and reliable methods to procure or share data without compromising on its functionality or security.
- Privacy enhancement technologies can be classified into four categories – Alternate data, shielding data, securing data through processing, and secure data through hardware.

Impact of data regulations on D&A ecosystem

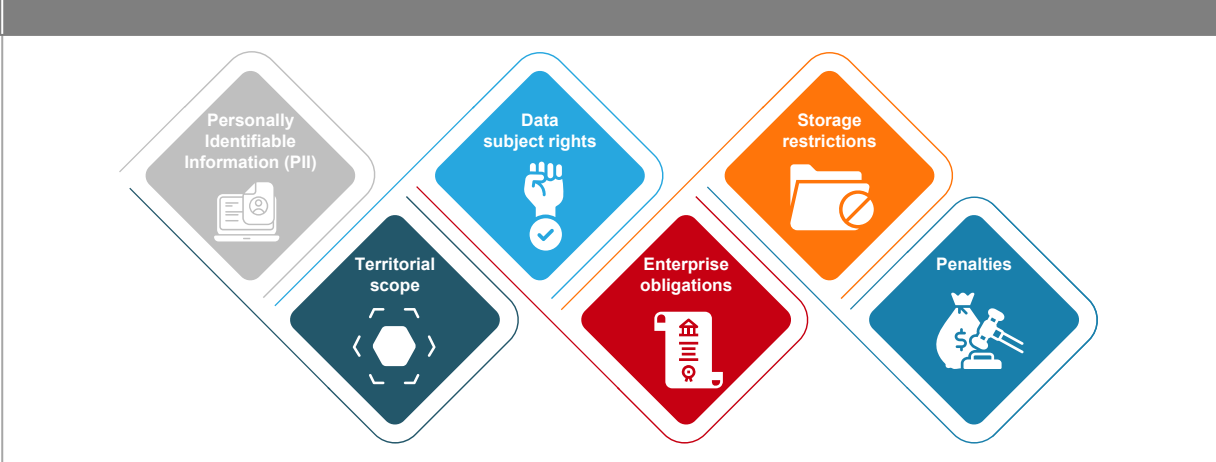
- With the implementation and adoption of AI regulations across major markets, enterprises are still struggling with regulatory compliance and are expected to make significant investments.
- Investments in privacy and security enhancement technologies lack direct returns, enterprises prefer taking a step-by-step approach

This study offers five distinct chapters providing a deep dive into key aspects of Data Privacy Regulatory Landscape; below are four charts to illustrate the depth of the report

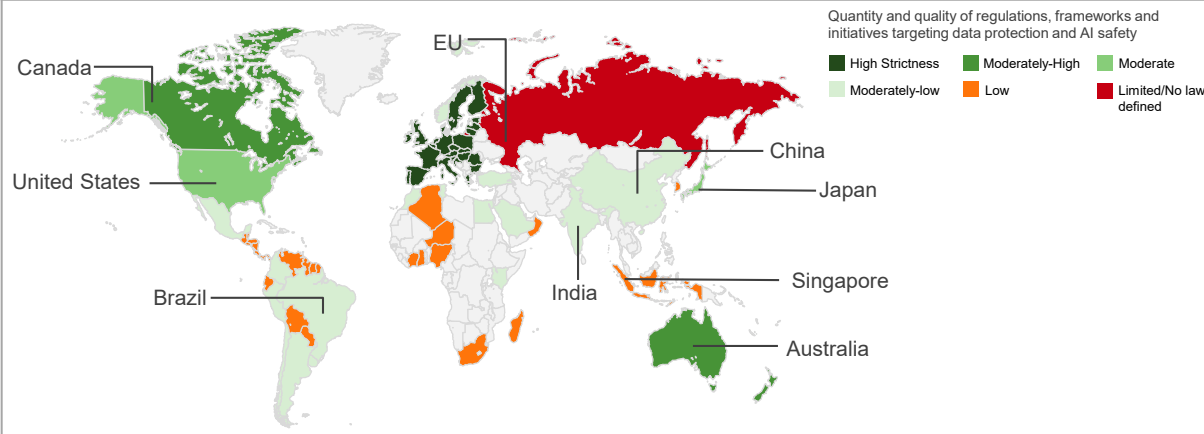
Global internet traffic and data breaches 2002-21; GB/sec



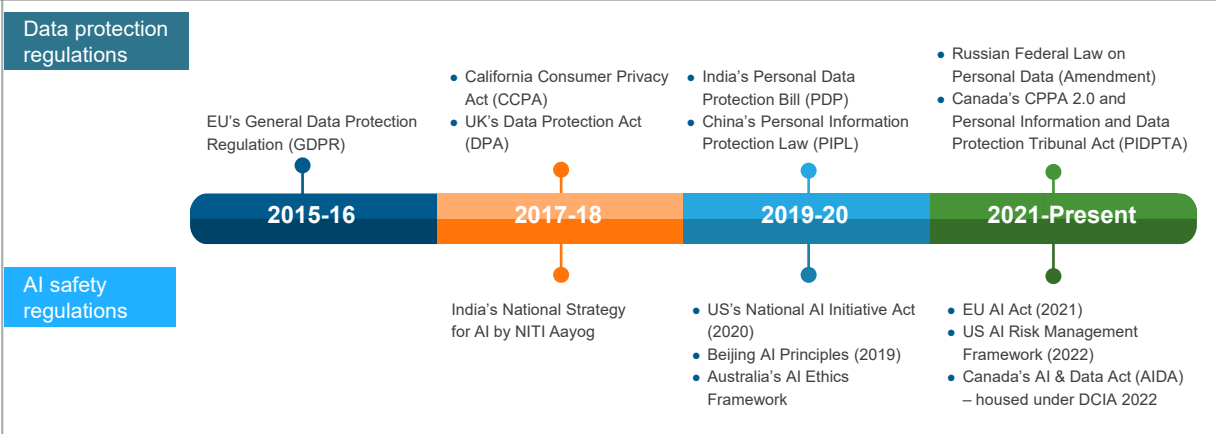
6 Tenets of Data regulation



Data protection and AI safety regulations being adopted across the world



Key data protection and AI safety regulations over the years



Research calendar

Data and Analytics

Published
 Planned
 Current release

Reports title	Release date
Machine Learning Operations (MLOps): the Foundation of an Enterprise Built on Artificial Intelligence (AI)	January 2022
Data and Analytics (D&A) Services State of the Market Report 2022	January 2022
Analytics and AI Services Specialists – Service Provider Compendium 2022	February 2022
Artificial Intelligence (AI) Services PEAK Matrix® Assessment 2022	March 2022
Artificial Intelligence (AI) Service Provider Compendium 2022	March 2022
Accelerating the Value of Data in Life Sciences	March 2022
Harnessing the Power of Analytics and AI in Medicine: Life Sciences Enterprises Revamping Processes to Improve Patient Outcomes	May 2022
Unleashing the Power of AI for Business Transformation	May 2022
Data and Analytics (D&A) Services PEAK Matrix® Assessment 2022	August 2022
Reimagining Data Sourcing and Consumption to Maximize Business Value	October 2022
Decoding the Data Privacy Regulatory Landscape	November 2022
The War for Talent in Data, Analytics, and AI (DAAI) : Finding the Ideal Operating Model for Organizations	Q4 2022
The Multi-Cloud Era and Associated Data Challenges	Q4 2022
Analytics and AI Services Specialists PEAK Matrix® Assessment 2023	Q4 2022
High-Quality Curated Data: A Key determinant for success of enterprise AI initiatives	Q4 2022

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everestgrp.com/blog

Dallas (Headquarters)

info@everestgrp.com
+1-214-451-3000

Bangalore

india@everestgrp.com
+91-80-61463500

Delhi

india@everestgrp.com
+91-124-496-1000

London

unitedkingdom@everestgrp.com
+44-207-129-1318

Toronto

canada@everestgrp.com
+1-647-557-3475

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