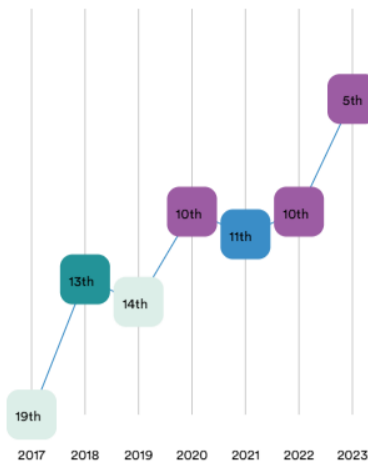
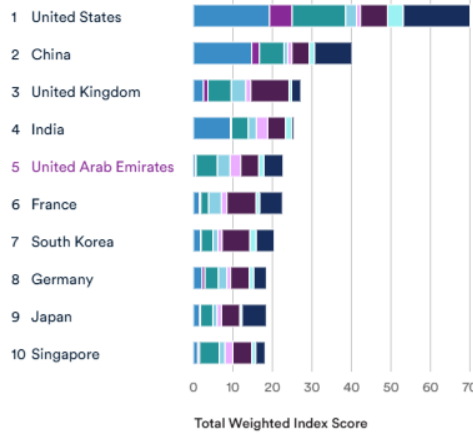


Ranking Over Time



Top Ranking 2023



Two-Year Overview

	2023		2022	
	Score	Rank	Score	Rank
R&D	0.61	18/36	0.67	21/36
Responsible AI	0.08	20/36	0.03	24/36
Economy	5.40	5/36	3.38	16/36
Education	3.21	3/36	2.90	4/36
Diversity	2.69	2/36	2.67	2/36
Policy and Governance	4.56	21/36	4.53	21/36
Public Opinion	1.29	8/36	1.51	7/36
Infrastructure	4.87	5/36	3.76	6/36

AI Vibrancy Indicators

2023

Individual Metrics	Value	Weight	Score	Rank
R&D		28.57%	0.61	
AI Journal Publications	1.79k	11.43%	1.81	23/36
AI Conference Publications	341	8.57%	2.28	14/36
AI Journal Citations	9.95k	11.43%	3.36	18/36
AI Conference Citations	403	10%	2.56	9/36
AI Patent Grants	-	11.43%	-*	0/35
Notable Machine Learning Models	3	12.86%	4.92	8/36
Academia-Industry Model Production Concentration	-	0%	-*	0/12
Foundation Models	4	4.29%	3.67	5/15
Foundation Models Datasets	1	4.29%	3.70	5/15
Foundation Models Applications	0	4.29%	0	15/15
Open Access Foundation Models	100%	0%	100	1/13
AI GitHub Projects	4.96k	10%	1.01	32/36
AI GitHub Projects Stars	21.1k	11.43%	0.36	29/36
Responsible AI		5.71%	0.08	
AAAI Conference Submissions on RAI Topics	0	17.39%	0	36/36
AIES Conference Submissions on RAI Topics	0	13.04%	0	36/36
FAccT Conference Submissions on RAI Topics	0	15.22%	0	36/36
ICLR Conference Submissions on RAI Topics	3	15.22%	2.70	11/36
ICML Conference Submissions on RAI Topics	1	17.39%	2.94	14/36
NeurIPS Conference Submissions on RAI Topics	9	21.74%	2.08	15/36
Economy		22.86%	5.40	
Total AI Private Investment	406.6M	15.87%	0.59	13/34
Total AI Merger/Acquisition Investment	0	14.29%	0	34/34
Total AI Minority Stake Investment	318.62M	11.11%	5.16	3/34
Total AI Public Offering Investment	1.48B	11.11%	72.84	2/34
Newly Funded AI Companies	11	14.29%	1.01	18/34
Relative AI Skill Penetration	1.13	4.76%	37.01	6/24
AI Hiring Rate YoY Ratio	13.40%	9.52%	71.51	5/25
AI Talent Concentration	0.23%	9.52%	14.29	22/25
AI Job Postings (% of Total)	-	0%	-*	0/14
Net Migration Flow of AI Skills	1.48	9.52%	50.48	3/25
Education		5.71%	3.21	
AI Study Programs in English	38	46.15%	5.11	13/34
AI Study Programs in English Penetration	4.42%	53.85%	100	1/33
Diversity		2.86%	2.69	
AI Talent Concentration Gender Equality Index	0.81	100%	94.17	2/25
Policy and Governance		11.43%	4.56	
National AI Strategy Presence	1	38.46%	100	1/36
AI Legislation Passed	0	38.46%	0	36/36
AI Mentions in Legislative Proceedings	-	23.08%	-*	0/32
Public Opinion		5.71%	1.29	
Social Media Share of Voice on AI	0.46%	34.78%	0.59	15/36
AI Social Media Posts	166.41k	26.09%	0.59	15/36
AI-Related Social Media Conversations Net Sentiment	57	39.13%	56.82	6/36
Infrastructure		17.14%	4.87	
Parts Semiconductor Devices Exports	-	27.03%	-*	0/0
Supercomputers	1	24.32%	0	27/27
Compute Capacity (Rmax)	7.26M	27.03%	0.12	25/27
Internet Speed	201.04	21.62%	95.72	2/35
Vibrancy Score			22.72	

The Total Weighted Index Score (AI Vibrancy) is obtained in two steps: evaluating each pillar through weighted indicators (with default weights provided, but adjustable) and combining these scores to calculate a country's annual vibrancy score, with specific weights for the pillars reflecting their overall importance.

*Missing values are imputed using yearly medians across countries for each indicator to compute weighted index scores. Indicators unavailable for a given year across all countries are excluded, and their weights are proportionally redistributed among the remaining indicators.

For detailed formulas and weightings, see the [methodology section](#)

Source: 2024 AI Index