

Analytical thinking

1st

Skills, knowledge and abilities / Cognitive skills / Analytical thinking

Global Skills Taxonomy ↗

Five year trend

Learning hours spent pursuing assessments and credentials in **Analytical thinking** from 2017 to 2022 (share of total learning hours). Source: Coursera



Reskilling focus

Companies for which **Analytical thinking** is a priority in their upskilling and reskilling programmes for 2023-2027 (share of companies surveyed)

48%

Skill importance

Companies for which **Analytical thinking** is a core skill for workers (share of companies surveyed)

68%

Skill evolution

Share of companies for which **Analytical thinking** is **increasing** or **decreasing** in importance at work. White diamond and label represent net share.

+72%

Jobs in focus

Roles where organizations surveyed report **Analytical thinking** to be increasing in importance fastest, alongside estimates of the net job growth (percent) from 2023 to 2027.

ROLES

	NET GROWTH
1. Managing Directors and Chief Executives	-2%
2. Accounting, Bookkeeping and Payroll Clerks	-27%
3. Business Development Professionals	21%
4. Business Services and Administration Managers	-5%
5. Sales Representatives, Wholesale and Manufacturing, Technical...	0%
6. General and Operations Managers	0%
7. Assembly and Factory Workers	-6%

Time to skill

Learning hours required to achieve a credential in **Analytical thinking** at beginner, intermediate or advanced proficiency as a function of the learner's level of formal education.

Hours 0 34

FORMAL EDUCATION BACKGROUND

	BEGINNER	INTERMEDIATE	ADVANCED
All	3.2	10.7	17.5
No Bachelor's Degree	3.2	10.7	16.7
Bachelor's Degree	3.3	10.9	18.2
Graduate Degree	3.2	11.1	17.8

Strategically adjacent skills

Probability that a company which will prioritise skills training in **Analytical thinking** from 2023 to 2027 will also prioritise other skills.

Skill taxonomy Skills, knowledge and abilities Attitudes

Creative thinking	49%
AI and big data	44%
Leadership and social influence	43%
Resilience, flexibility and agility	33%
Curiosity and lifelong learning	31%
Technological literacy	31%
Motivation and self-awareness	28%
Talent management	28%
Empathy and active listening	27%
Service orientation and customer service	25%

Simultaneous skill development

Probability that courses in **Analytical thinking** also teach other skills. Source: Coursera.

Skill taxonomy Skills, knowledge and abilities Attitudes

Resource management and operations	60%
Design and user experience	49%
Programming	38%
Creative thinking	36%
AI and big data	32%
Reading, writing and mathematics	32%
Marketing and media	31%
Technological literacy	29%
Empathy and active listening	27%
Networks and cybersecurity	25%

Industry trends

Industry-by-industry variations in reskilling focus, current and future importance, forecast evolution in importance, and strategic focus companies will place on **Analytical thinking** from 2023 to 2027 for the industries which assign the highest and lowest reskilling focus to this skill (share of companies surveyed)

Above global mean Below global mean

