

DYNAMISM OF THE Digital Economy



Singapore has made significant strides in leveraging technology for growth and innovation, committing to the Digital Economy through strategic partnerships and initiatives aimed at exploring the potential of technologies such as artificial intelligence (AI) and business digitalisation.

Tech notes:

Digital Economy accounted for **17%** of Singapore's GDP in 2022.

Expected to reach around **US\$30 billion** in 2025

Singapore ranked¹



Interconnected and inclusive Digital Economy advancement through enhancement of hard and soft infrastructure.

By 2025, Singapore aims to increase digitally skilled workers by 55%, from present 2.2 million in workforce².



¹ International Institute for Management Development (IMD) World Digital Competitiveness Ranking 2022
² Today Online - "Singapore needs another 1.2 million workers trained in digital skills by 2025"

Staying ahead in today's rapidly evolving digital landscape:



Skills for businesses leveraging data and AI for innovation and digital transformation

Skills for tech-lite jobs such as marketing and sales executives

Market Research, Market Trend Analysis, and Data Protection Management

Skills for tech-heavy jobs such as software, AI and DevOps engineers

Software Design, Programming & Coding, and Big Data Analysis

Skills for AI and automation-relation jobs

Machine Learning Application, Artificial Intelligence Ethics and Governance, and Computational Modelling



Three skills that trend high in transferability

Programming and Coding

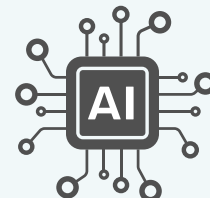
for software development and automation jobs

Big Data Analytics

for jobs requiring data-driven decisions to improve business outcomes

Application Support and Enhancement

for jobs such as systems/applications support engineers



There is high demand for skills in automation, e-commerce, and AI

Automation Research and Implementation

for jobs such as DevOps engineers and cloud specialists

E-commerce Management

for jobs in retail supporting omnichannel strategies and online sales

Artificial Intelligence Application

for jobs such as data scientists and AI engineers



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