

Digital Transformation

BCA Lift & Escalator Safety Seminar
One Farrer Hotel
16 Jan 2024

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Transforming SG Through Technology

Pillars of a Smart Nation

A Secure Smart Nation

Our Smart Nation Journey

About SNDGG

Transforming Singapore Through Technology



Singapore is a nation "where we can create possibilities for ourselves beyond what we imagined possible." – Prime Minister Lee Hsien Loong

As the digital era rapidly evolves, it is up to us to dream and imagine bigger, so that we can realise what it truly means to be a Smart Nation with endless possibilities.

Singapore Smart Nation Initiative was launched in 2014.

It aims to transform Singapore through Technology

Extracted in Nov 2023 from: <https://www.smartnation.gov.sg/about-smart-nation/transforming-singapore>

A Singapore Government Agency Website


[Home](#) [Why Smart Nation](#) [What Is Smart Nation](#) [How To Be Involved](#) [What's New](#) [Report Data Incidents](#)

Key pillars that support Singapore's Smart Nation goals are: Digital Economy, Digital Government and Digital Society. Our people, companies and our public agencies all have a role to play in this transformation.

DIGITAL ECONOMY

Rapid digitalisation is disrupting business operations, altering industry structures and redefining rules globally. This is why it is important for us to be able to adapt and embrace digitalisation.

Talent and businesses are critical in a digital economy that will continue to keep Singapore vibrant and competitive. We are digitalising our economy from a position of strength. Singapore's pro-business environment, excellent infrastructure and connectivity to major Asian economies, as well as availability of investment and well-developed technology, will continue to help attract businesses and talents.

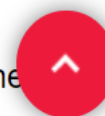
Our vision is to build a vibrant economy that remains attractive to foreign investments, with good opportunities for Singaporeans. We want to digitalise industries to increase business efficacy, and create new jobs and opportunities.

The **Digital Economy Framework for Action** sets out a guide to help our businesses and workforce prepare for and embrace the possibilities in a digital economy.



Accelerate — Digitalising Industries

To digitalise every industry and every business, raising productivity and efficiencies to grow the economy.



BUT What is digital transformation?

Digital transformation is the **integration** of **digital technology** into all areas of a business, fundamentally **changing how you operate and deliver value to customers**. It's also a **cultural change** that requires organizations to continually challenge the status quo, experiment, and learn to fail fast.





The image shows a tablet displaying a Gartner article. The article title is 'Why Data and Analytics Are Key to Digital Transformation'. The author is Christy Pettey, dated March 08, 2019. The article text discusses the importance of data and analytics for digital transformation success, noting that information is still in the 'early adoption' phase. A link to download an IT roadmap is provided at the bottom.

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Insights / Information Technology / Article

Why Data and Analytics Are Key to Digital Transformation

March 08, 2019 Contributor: Christy Pettey

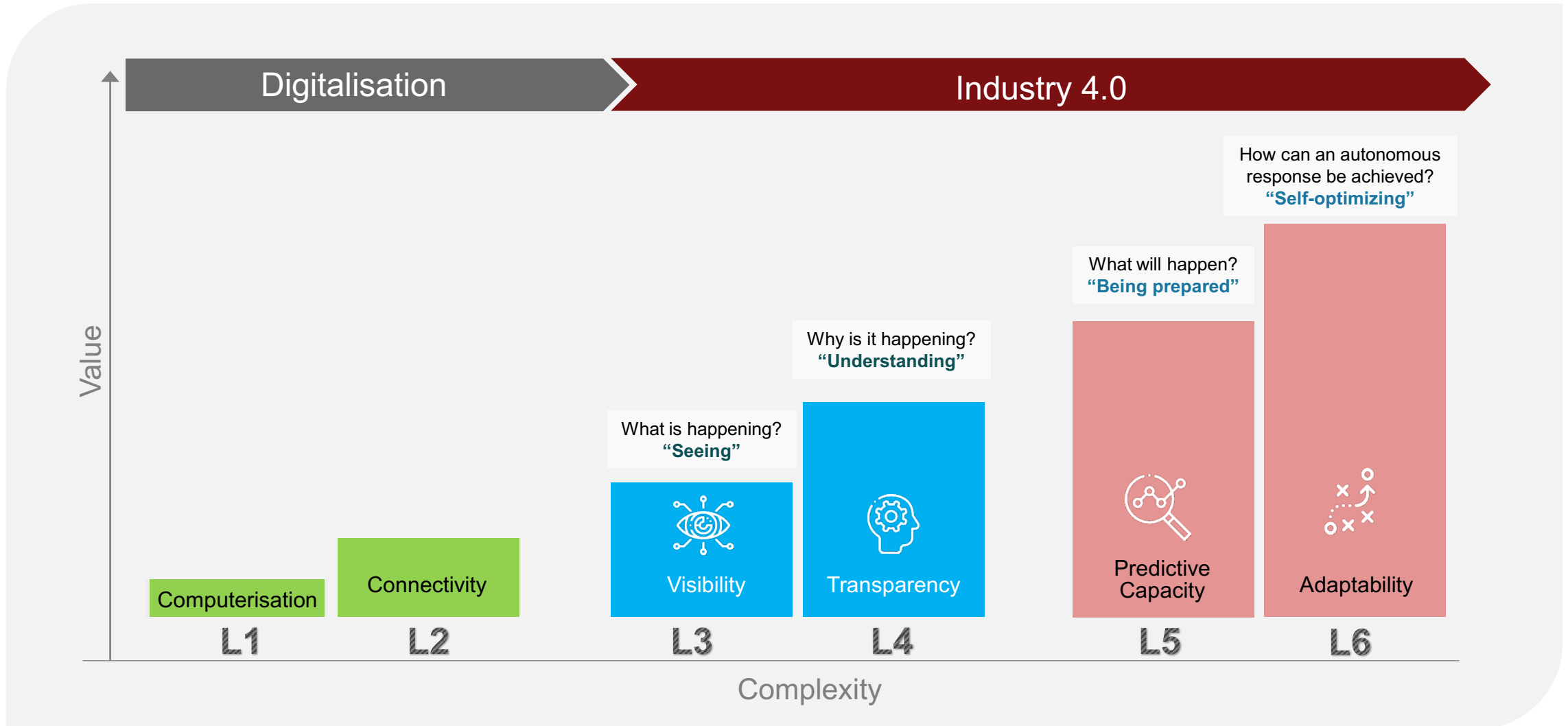
Build your organizations data and analytics competency for digital transformation success.

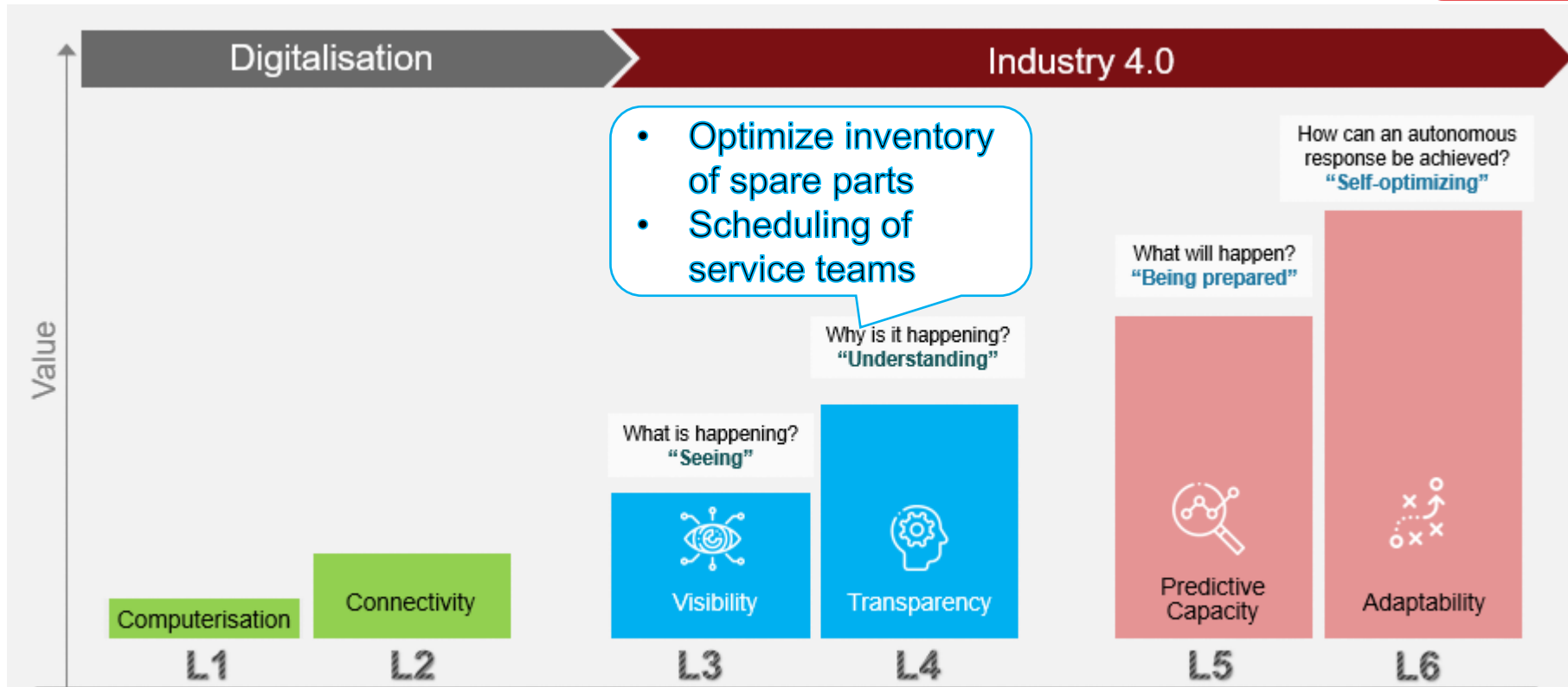
Information as an asset is still in the “early adoption” phase, which makes it a competitive differentiator for leading organizations as they focus on digital transformation. In turn, data and analytics become strategic priorities.

Download IT roadmap: [Data and Analytics](#)



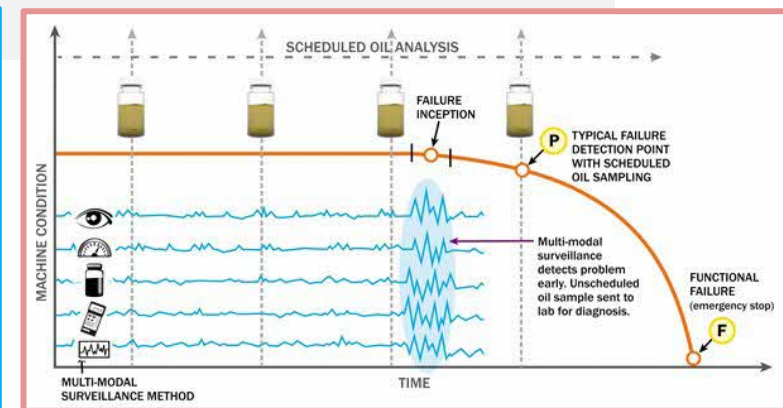
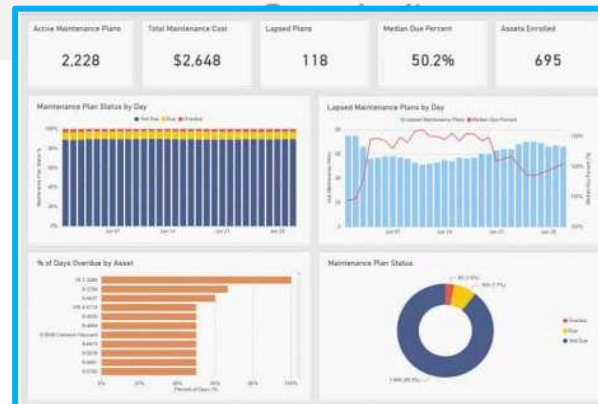
Analytics Maturity Stage





Build no-code app with CRUD (Create, Read, Update and Delete) controls to collect data digitally.

- Install Across Devices
- Capture Images
- Work Offline
- Deliver Notifications
- Accept Signatures
- Generate Reports
- Apply Logic
- Build Dashboards
- Scan Barcodes, QR Codes & NFC Tags
- Log Locations
- Send Emails
- Integrate Platforms



Data-Driven Digital Transformation Program (D3T) For Companies

Be involved in the process. We welcome you and your stakeholders to identify and craft your digital transformation plan together with our experts.

Is digital transformation relevant to your organization? If you answer “yes” to any of the following questions, this program is relevant to you.

When you have questions about your business, operations or project performance, do you take time to retrieve information from different sources (departments or personnel) in order to manage your project or write reports?

Do your staff grapple with the impact of uncertainty by relying on experience?

Does your business suffer from frequent stock-outs and service lags but you don't know how to fix them?

Is your data “locked” in some 3rd party system over which you have limited control?

Is your company heavily reliant on spreadsheets to manage data?

Company Deep Dive

Conduct analysis to identify implementable project problem statements for digital transformation.

Digital Transformation Plan

Design a plan for digital transformation that will pave the way for solution adoption.

START YOUR TRANSFORMATION JOURNEY NOW! WAIT NO LONGER.



Duration:

4 hours (group)
4 hours (company)

Participation:

Each company can send up to 4 participants
CEO/CTO, 2-3 Head of Divisions

Cost:

\$800 + GST per company
After WSG subsidy

Data-Driven Digital Transformation For Companies


AI Lead Program For Decision Makers

SP Singapore Polytechnic

Best-in-Class in

ARTIFICIAL INTELLIGENCE

AI LEAD



Driving AI Transformation

ARTIFICIAL INTELLIGENCE

Appreciate. Apply. Transform.

Learn from the very **"Best-in-Class"** from overseas AI leading companies and seize the opportunity to adopt new technologies to transform your business.

SKILLSfuture SG

PROGRAMME STRUCTURE

PRE-TRIP

Understand the growth and potential of AI, and assess your company using the AI Readiness Index



4 hours of Face-to-Face training on 3 Nov 2023



4 hours of e-Learning

5 DAYS OVERSEAS TRIP TO

Hangzhou China Map



Hangzhou Apr 2024

Programme may be subject to change. Some site visits may be conducted in Mandarin (where available).

POST-TRIP

Explore the wonders of Generative AI and kick start a Guided Project



32 hours of Face-to-Face training on 23-24 Nov and 30 Nov-1 Dec 2023

Data-Driven Digital Transformation Program (D3T) For Companies

AI Lead Program For Decision Makers

AI Data Apprenticeship Program For Power Users

1



- Power Users from the same company
- Problem Statement
- Data

2

CWT in Data Visualisation



Phase 1



CWT Cert by SP

3

CWT in Data Analytics / AI



Phase 2



CWT Cert by SP



AIDP Cert by AISG



Deployment @ Company

Phase 1

- Project Scoping
- Data Wrangling
- Data Visualization

Phase 2

- Project Scoping
- Data Wrangling
- Data Analytics/AI

Data-Driven Digital Transformation Program (D3T) For Companies

AI Lead Program For Decision Makers

AI Data Apprenticeship Program For Power Users

Tiered Training Programs For All Users

Tier 1 Data Wrangling & Visualisation

Visual Analytics using Power BI (14 hrs)

Fundamental Data Analysis using Excel (16 hrs)

Tier 2 Intermediate Data Visualisation & Analytics

Intermediate Visual Analytics using Power BI (16 hrs)

Data Analytics using KNIME (24 hrs)

Customer Data Analysis: A GenAI driven NLP Approach (16 hrs) *coming*

Data Analytics Project Scoping (8 hrs)

Tier 3 Project- Driven Skills Application

Data Visualisation Implementer (16 hrs)

Mentoring Support Sessions (4 hrs) - Optional



A journey of a thousand miles
begins with a single step.

– Lao Tzu

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