

A hand is shown in the lower right corner, holding a piece of white chalk and drawing a lightbulb on a dark chalkboard. The lightbulb is drawn with simple lines, and a small lightning bolt is drawn inside it, symbolizing an idea or innovation. The background is a dark, textured chalkboard.

Global Certification & Training Wardley Maps / BarCamp 29th July 2020

mark@gcati.org @mcraddock

GCATI Community driven training and certification

UN / Mapping / Next Steps

- Wardley Mapping for the UN Global Platform
Big Data Platform for Official Statistics
 - Platform Strategy
 - Platform Business Model (Organisation)
 - Platform Services
 - Technology Strategy Handbook
 - Privacy Preserving Techniques Handbook
 - Digital Services Roadmap
- Public / Private



SUSTAINABLE DEVELOPMENT GOALS



Impact of Wardley Maps + Big Data

- 2008 Financial Crash
 - Independent review of UK economic statistics: [final report](#)
 - “the longer a decision-maker has to wait for the statistics, the less useful are they likely to be”
 - Financial Crash 2008: 12 Weeks = **£12Bn Cost to the Economy**
- Cargo shipping was an early indicator of impending doom!

Impact of Wardley Maps + Big Data (Covid-19)

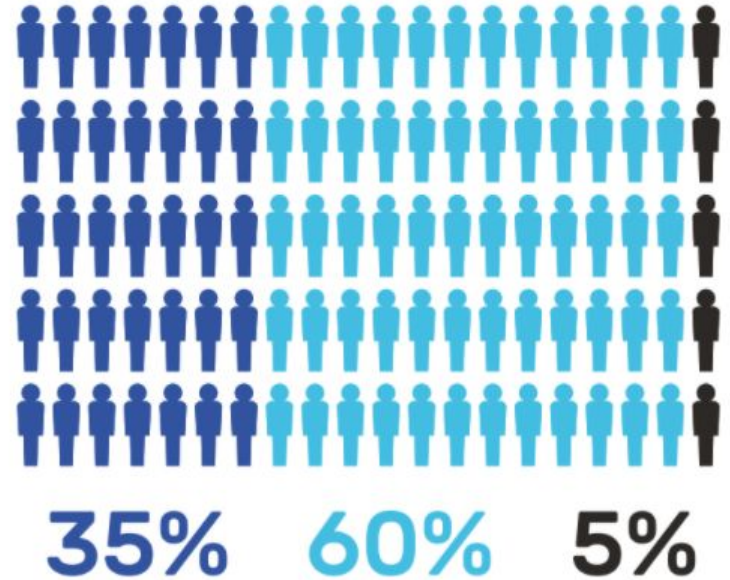
- Strategy to support real time data
 - DataOps, Data Streaming (800,000,000 records / day)
- Faster Economic Indicators
 - Shipping (AIS) UN Global Platform
 - Flights (ADS-B) UN Global Platform
- Trade Statistics
 - Shipping (AIS) UN Global Platform
- Tourism Statistics
 - Flights (ADS-B) UN Global Platform
 - Mobile Phone Data

What's the Challenge?

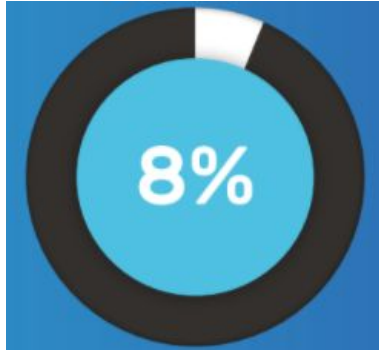
- 100,000 Staff Globally within National Statistic Offices (NSOs)
- 250,000 Statistics Public Sector Community
- 500,000+ Private Sector

Big data / data science strategy in place

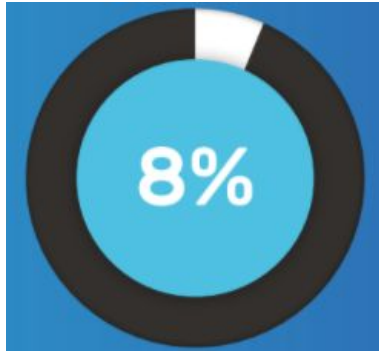
- 28 NSOs indicate to have a big data/data science strategy in place.
- 35% of respondents to the survey indicating that they have implemented such a strategy.
- Almost two thirds (60%) of respondents report that they are trying to establish a big data strategy in their NSO.
- 5% of respondents do not have any strategy established.



Big data / data science skills



- Only 8% of NSOs have a big data / data science competency framework

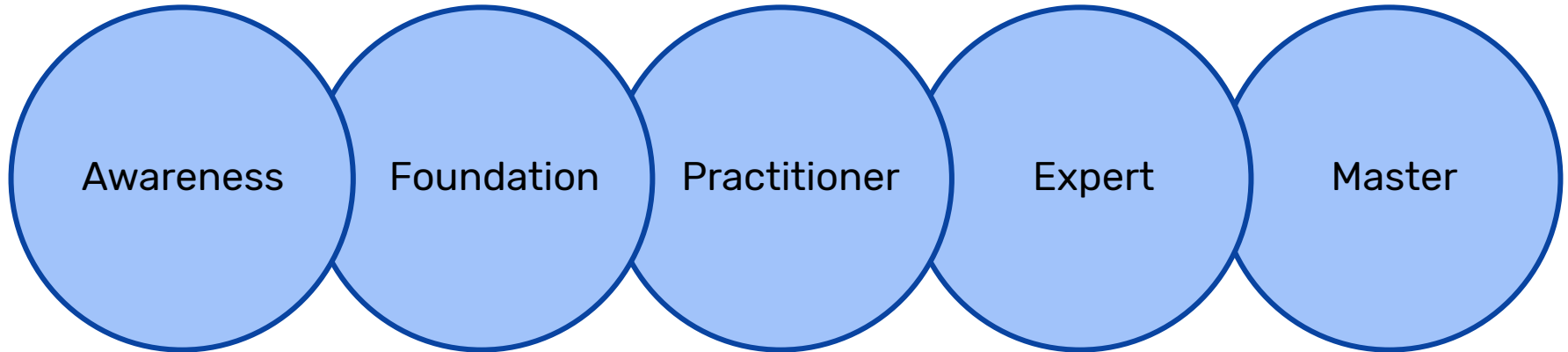


- Only 8% of NSOs have a career pathway for those applying big data / data science techniques

Trusted Training

Training Levels

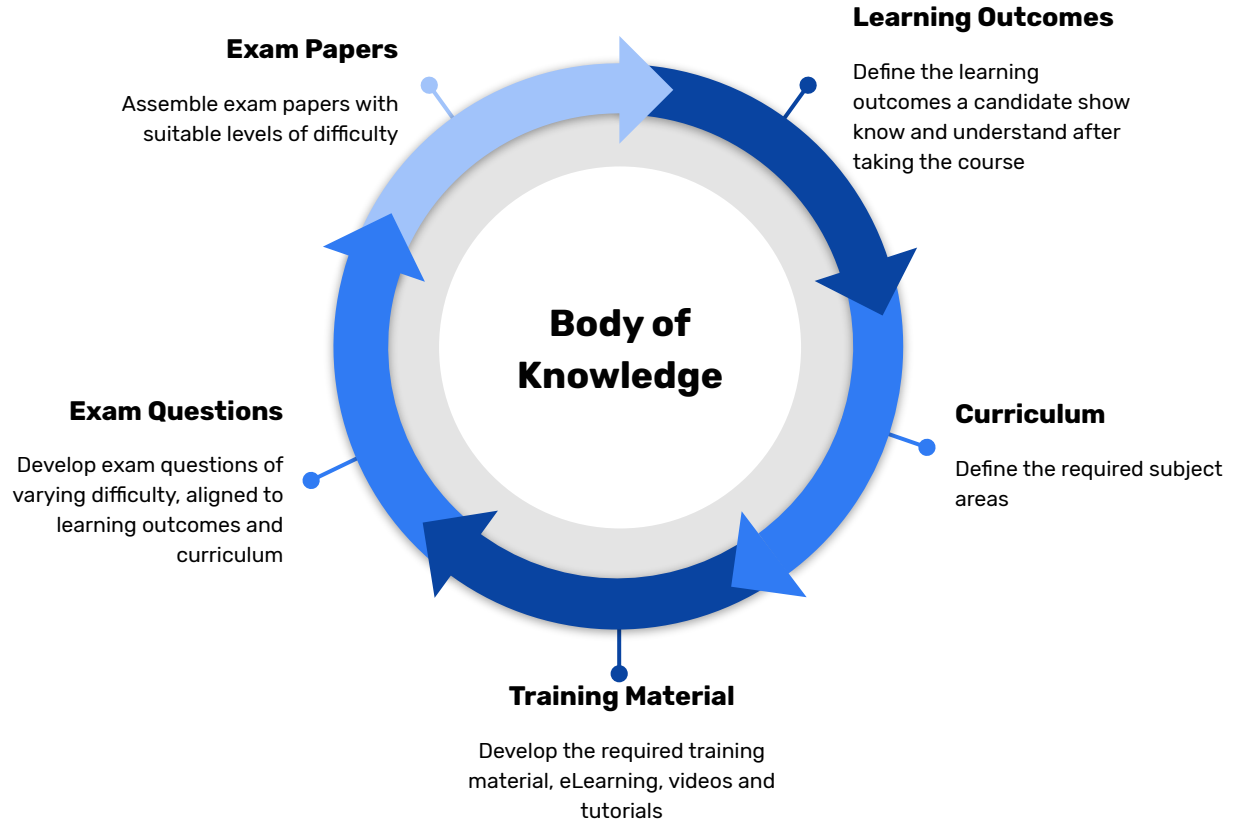
- Develop professional training and certifications aligned to Bloom's Taxonomy.
- The structure and development process mirrors the 25 year success of ITIL® and PRINCE2®



The Build Process and Community Inputs

Use a defined process to develop frameworks and the associated training and certification

We work with the community to achieve a quality product that meets the needs of the profession

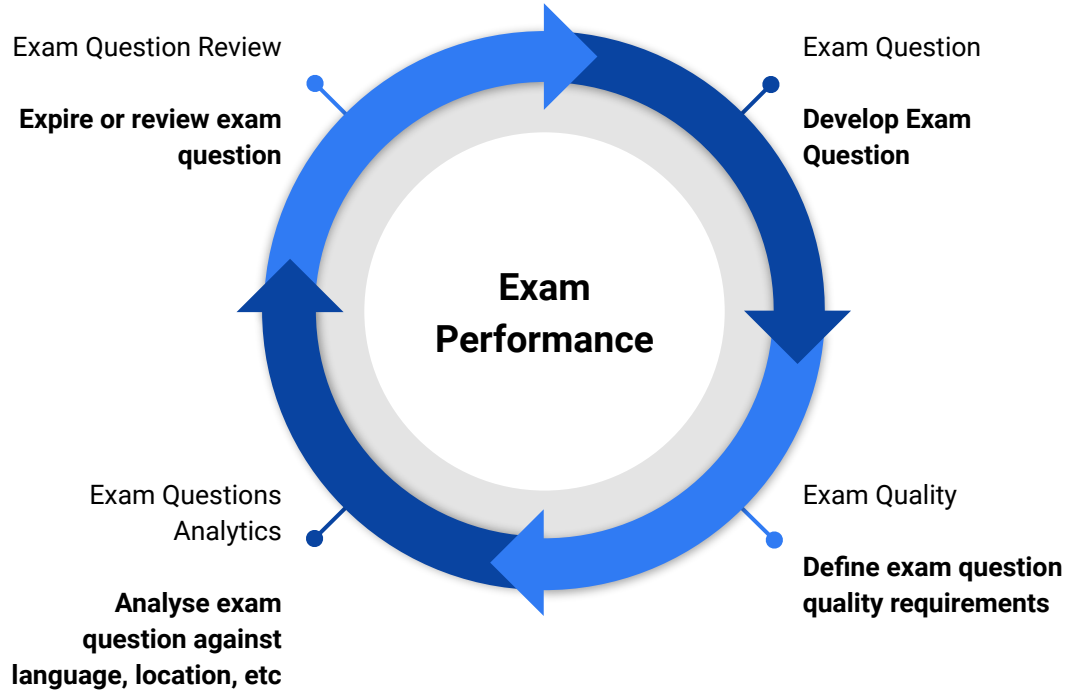


Exam / Certifications

Quality assurance for exam questions and exams.

Analyse questions and exam papers

Review/update exam questions and papers



Developing Wardley Map Training

- Developed in the open with the community
- Google doc for the Foundation Learning Outcomes
 - https://docs.google.com/document/d/1nngJ-Cg1kqNmJSJzbK2GP1_IunOI5TuZi1EuaHdfKKU
- Body of Knowledge (BoK)

Foundation Level Wardley Mapping Course

- Discuss the high-level principles and design elements of a Wardley Map and explain their core benefits.
- Understanding of the strategy lifecycle
- Describe the fundamental characteristics of Wardley Mapping and how to relate them to your business.
- Describe the climatic patterns and how they impact Wardley Maps.

Foundation Level Wardley Mapping Course

- Describe how to formulate a value chain that underpins the user needs of your customers.
- Illustrate evolution in a Wardley Map.
- Identify patterns of change over time creating competitive advantage.
- Describe the future by looking at economic patterns.
- Interpret the Wardley Map to explain where to outsource.

How Can You Get Involved?

How can I get Involved?

- Review the Foundation Learning Outcomes
 - https://docs.google.com/document/d/1nngJ-Cg1kqNmJSJzbK2GP1_IunOI5TuZi1EuaHdfKKU
- Review the Body of Knowledge (BoK)
- Buy the book
 - All proceeds support the development of the training and certifications
 - [Leanpub](#)
 - [GCATI Shop](#)
 - [Amazon](#) and Google

Get Involved- Support SDGs

- Get [Trained](#)
- Start Mapping the [SDGs](#)
- Publish Maps in [GitHub](#)
- #WardleyMaps4SDGs



Harnessing the power of Wardley Maps for better lives

Other Courses / Training

- Course Development
 - Courseware, learning outcomes, exam bank, certifications
- Authors Required
 - FinOps
 - DataOps
 - MLOps
 - DecSecOps
- Chief Examiners

Thank You

gcati.org