

# The Data Literacy Pathway Tool 2.0

Global Affairs Canada recognizes that **data literacy is essential**. In 2025, we enhanced our Power BI dashboard, first launched in 2023, and introduced a new tool: The Data Literacy Personas and Learning Paths. It complements the one we had and helps employees map their training journey with tailored recommendations.

## The solution

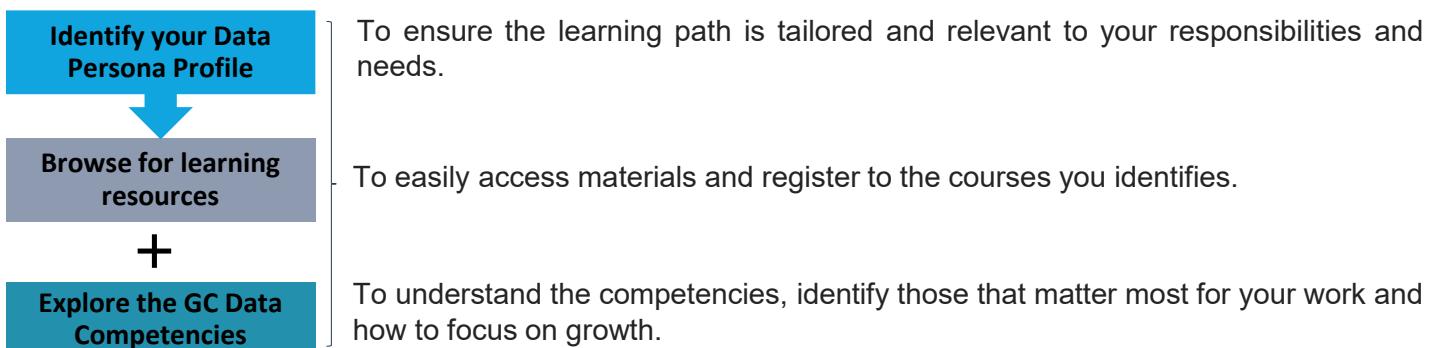


An **interactive Power BI tool** to turn complexity into clarity and simplicity, which organizes the information intuitively, making it easy to:

- Navigate 8 distinct Data Personas profiles;
- Explore data competencies relevant to a chosen profile;
- Access 100+ curated learning resources from trusted governmental platforms.

## How it works

The tool offers a **clear, guided experience** so users can move seamlessly from awareness to action, allowing individuals to take control of their learning journey and build the skills they need to thrive in a data-driven world.



## Key elements

**8 distinct Data Personas** for tailored learning

**Comprehensive mapping of** competencies & roles for clarity and relevance

**Recommendations for Executives** to support leadership roles

## For more info



[Contact us](#) for a live demo of the Power BI tool.

# The Data Literacy Pathway Tool 2.0

We didn't just update the format—we transformed the experience.  
Get a look at how data learning became dynamic and engaging.

**Data Literacy Pathway Tool**

Browse through GAC's 8 Data Personas to better understand your role with data and find the right resources.

Data Analyst Data Architect Data Consumer Data Creator Data Developer Data Leader (e.g. Executive) Data Scientist Data Steward

**Persona Description**  
Select a persona to learn more

**Data Competencies** Learn More  
Select a persona to learn more

**Number of Resources by Competency for Persona**

| Competency                                   | Number of Resources |
|--|---------------------|
| Data Concepts and Culture                    | 59                  |
| Data Governance, Collection, and Stewardship | 28                  |
| Analytics and Evaluation                     | 34                  |
| Data Systems and Architecture                | 15                  |
| All Competencies                             | 143                 |

**Common Occupational Groups**  
Select a persona to learn more

**Number of Related Resources**  
143  
Head to the "Resources" page and filter by this Persona to find related resources.  
Browse Learning Resources

## Identify your Data Persona Profile

- ✓ Detailed role descriptions
- ✓ List of expected data competencies
- ✓ Overview of relevant learning resources

**Data Literacy Pathway Tool**

Type of Resource Level of Proficiency Persona Data Competencies For Executives

All All All All All All

**Resource Link** **Resource Name** **Type of Resource** **Level of Proficiency** **Completion Time** **Data Competency** **Data Personas**

|  |        |              |          |   |  |
|--|--------|--------------|----------|---|--|
| Enabling Business-IT Collaboration and Strategic Alignment | Course | Intermediate | 01:00 hr | Data Concepts and Culture                   | Data Creator;Data Consumer;Data Scientist  |
| Network Security Threats and Their Impact                  | Course | Intermediate | 01:00 hr | Data Governance, Collection and Stewardship | Data Analyst;Data Developer;Data Architect   |
| Embracing the Cloud for Business Efficiency                | Course | Intermediate | 01:00 hr | Data Systems and Architecture               | Data Analyst;Data Steward  |
| Harnessing the Power of DevOps                             | Course | Intermediate | 01:00 hr | Data Systems and Architecture               | Data Leader (e.g. Executive);Data Steward;Data Analyst;Data Scientist;Data Developer;Data Architect                            |
| Achieving Digital Dexterity                                | Course | Intermediate | 01:00 hr | Data Concepts and Culture                   | Data Leader (e.g. Executive);Data Architect;Data Consumer  |
| Reaching Efficient Solutions with Computational Thinking   | Course | Intermediate | 01:00 hr | Analytics and Evaluation                    | Data Creator;Data Consumer;Data Steward;Data Leader (e.g. Executive);Data Analyst;Data Scientist;Data Developer;Data Architect |
| Transforming the Workplace Using Artificial Intelligence   | Course | Intermediate | 01:00 hr | Data Concepts and Culture                   | Data Creator;Data Consumer;Data Steward;Data   |

**# of Resources** 143  
Click on a resource to learn more:

| Owner (Organization) | Owner (Division) | Recommended For Executives | Type of Course | Course Number |
|----------------------|------------------|----------------------------|----------------|---------------|
| -                    | -                | -                          | -              | -             |

Data Governance and Engagement Division  
IRRU in partnership with  
CANADIAN FOREIGN SERVICE INSTITUTE

## Browse for learning resources

- ✓ Filterable & searchable catalog
- ✓ Direct links to the resources
- ✓ Estimated completion times

**Data Literacy Pathway Tool**

Explore GAC's Data Competencies to better understand your data-related responsibilities.

**Analytics and Evaluation**

- Asking Questions and Problem Framing
- Data Analytics and Science
- Evaluating Outcomes
- Storytelling and Visualization

**Data Systems and Architecture**

- Data Systems and Artificial Intelligence
- Enterprise Data Architecture

**Persona**  
All Search

**Data Governance, Collection, and Stewardship**

- Access, Security and Interoperability
- Data Collection
- Data Quality, Value and Trust
- Governance, Stewardship and Standards

**Data Concepts and Culture**

- Data and AI Ethics and Privacy
- Data, Digital, AI and Organizational Awareness
- Evidence-Informed Decision-Making

**Data Competency Skill Description**  
Select a competency to start learning

## Explore the GC Data Competencies

- ✓ Persona-based filtering
- ✓ Interactive selection
- ✓ Detailed definitions