

Building a digital profession

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PANELLISTS



Webinar chair
Siobhan Benita
Former UK
senior civil servant



Dr Vik Pant,
Chief Scientist and
Chief Science Advisor,
Natural Resources
Canada



Danielle Brigida,
Deputy Director of
Digital Strategy,
Bureau of Ocean
Energy Management,
USA



Stephen
Sommerville,
Global
Government
Partnerships
Advisor,
Coursera



Teresa D'Andrea,
Director General, Data
and Advanced
Analytics,
Digital Services and
Transformation Office,
Transport Canada



Geoff Huggins,
Director of Digital,
Scottish
Government
Digital
Directorate,
United Kingdom

Danielle Brigida

Bureau of Ocean Energy
Management



Department of the Interior



*We manage America's
vast natural and
cultural resources*





Adapting to the Digital Landscape

Considerations for New Digital Platforms

Longevity

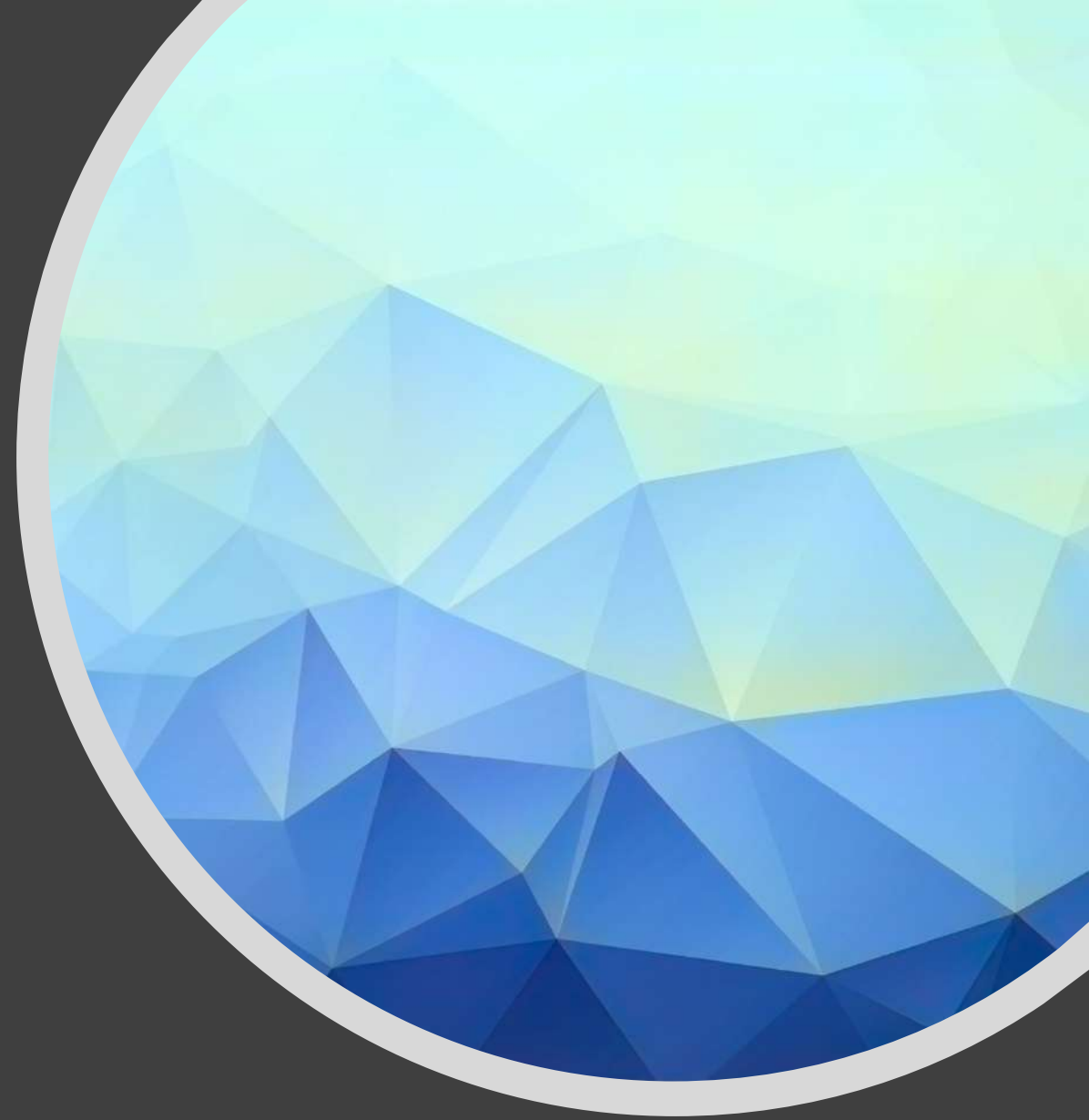
Accessibility

Scalable

Security

Privacy

Will it help us
meet expectations?





I'm always working to make
digital communications a
strategic partner

COURSERA FOR GOVERNMENT

Global Government Forum: Building a Digital Profession



The lack of
key tech skills is
a top threat to the
economy today

85 million

Global shortage of
tech workers by 2030

US\$8.5 Trillion

Lost revenue represented
by shortage of skilled
workers by 2030



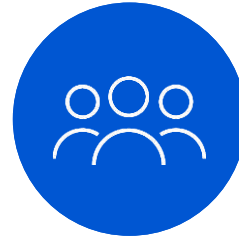
The public and private sectors face the same skills shortage but private sector salaries outpace government roles by ~20%

**Technology skills
have a short
shelf life**

There is
organisation-wide
demand

Coursera, a global **learning ecosystem**

Learners
Learn and prosper



87+ million
Individuals

60+
Industry Partners

160+
University Partners

80,000+
Skills in Skills Graph

coursera



Educators
Teach the world



Institutions
Transform talent

6,000+ institutions

- Businesses
- Governments
- Campuses

SkillSets match roles, skills, and content

- Target SkillSets for any role
- SkillSets include target proficiency for each skill
- World-class content delivered to optimize skill development
- Guided Projects deliver hands-on learning with job-relevant tools



ALL POWERED BY
COURSERA
SKILLS GRAPH

Data Scientist

Data Scientists deliver the analysis, modeling, and experimentation that inform product and business decisions, empowering organizations to identify and

✓ Congratulations, you passed!
TO PASS 80% or higher

80% TOTAL SCORE

Keep learning

Skill targets achieved!

Probability & Statistics +10 52

Machine Learning +10 52

Chapter 1 LATEST SUBMISSION GRADE 80%

1. When Python is running in the interactive mode and displaying the chevron prompt (>>>) - what question is Python asking you? ✓ Correct 1 / 1 points

2. What will the following program print out: ✓ Correct 1 / 1 points

```
1 >>> x = 15
2 >>> x = x + 5
3 >>> print(x)
```

Introduction to Calculus The University of Sydney COURSE

Using SQL String Functions to Clean Data Coursera Project Network GUIDED PROJECT

Data Science Math Skills Duke University COURSE

With visual instructions

Learners go hands on score increases in-course

*Pictured here is a subset of the SkillSets available in the Data & Analytics Academy

Data & Analytics Academy

Accelerate your digital transformation

Become a data-driven organization. Develop your employees' skill proficiency in critical data and analytics skills to drive better business decisions and revenue growth.

- **50 SkillSets** for in-demand skills and data-related roles
- Powered by **world-class content from technology leaders like GCP, AWS, and deeplearning.ai**
- Hands-on Guided Projects for **data, automation, cloud tools**
- **Track and measure** the development of data, AI, and ML skills

DATA & ANALYTICS ACADEMY

Data skills for everyone



AI Basics for Everyone



Data Analysis for Everyone



Data Analysis for Leaders



SQL for Everyone

Business Teams

Leverage data to inform strategy and accelerate GTM



SQL for Data Analysts



Data Analysis for Marketers



Machine Learning for Product Managers

Data Engineering

Build, link, and integrate data stores



Big Data for Data Engineers



BI for Data Engineers



Data Mining for Data Engineers

Data Science

Build models to generate, interpret, and leverage insights



NLP for Data Scientists



Python for Data Scientists



AWS for Machine Learning Engineers

Reskill into key roles



Business Analyst



Data Analyst



Data Engineer



Data Scientist



ML Engineer

World-class content



Hands-on learning



Track, measure, and benchmark skills