



Australian Research Data Commons

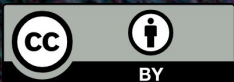
Skills Impact & Strategy

Community Discussion

PRESENTED BY

ARDC in partnership with AARNet, BoM, CSIRO, Intersect, Monash University, NCI, Pawsey, QCIF, University of Melbourne, University of Southern Queensland, University of Sydney

27/10/2021



The Australian Research
Data Commons is enabled
by NCRIS.





pawsey

Motivated, Confident, & “Changed”

Ann Backhaus

Education & Training
Manager,
Pawsey Supercomputing
Research Centre

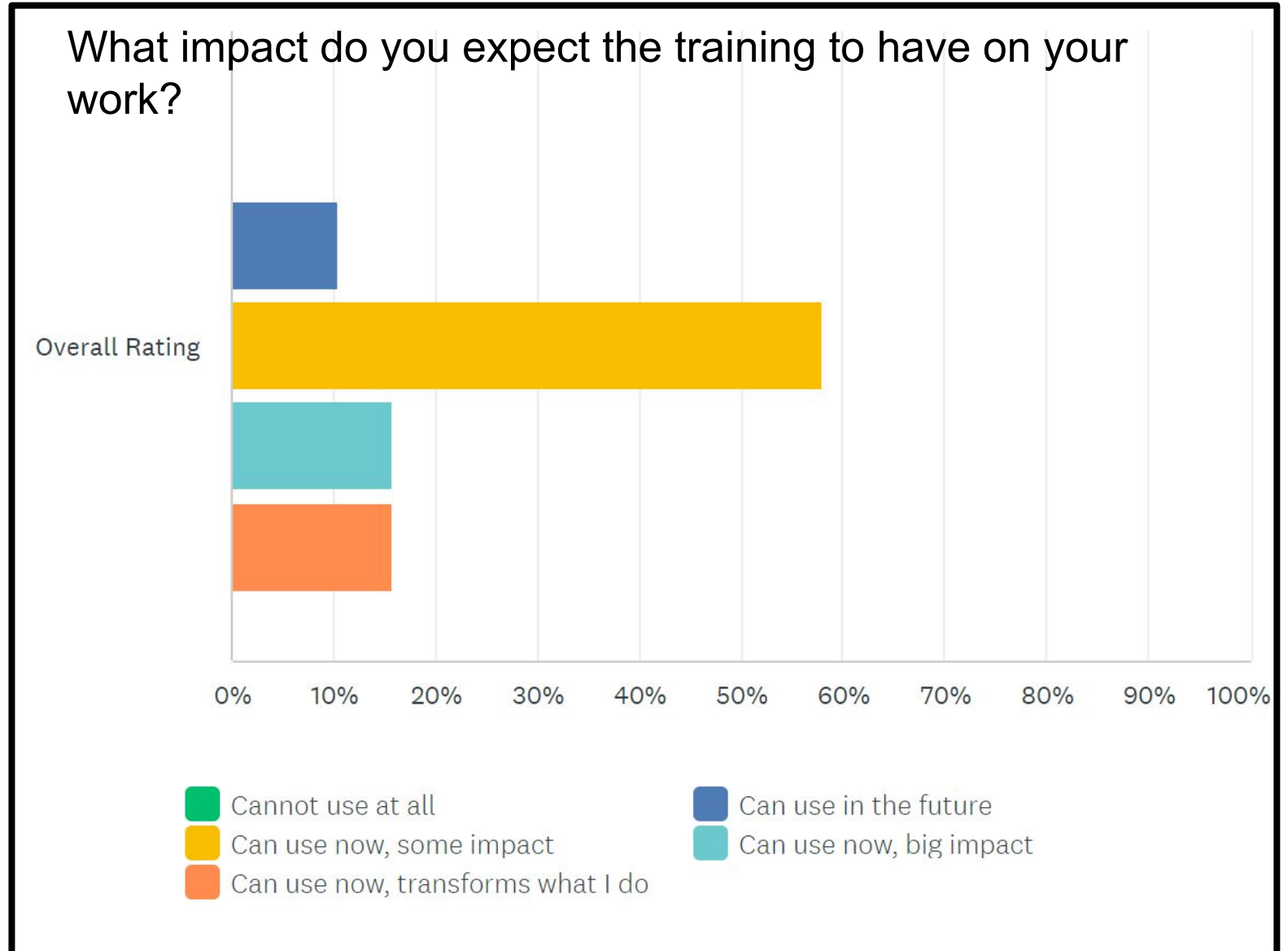
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All courses: Level 1 “Happy Sheets”

The “usual questions”:

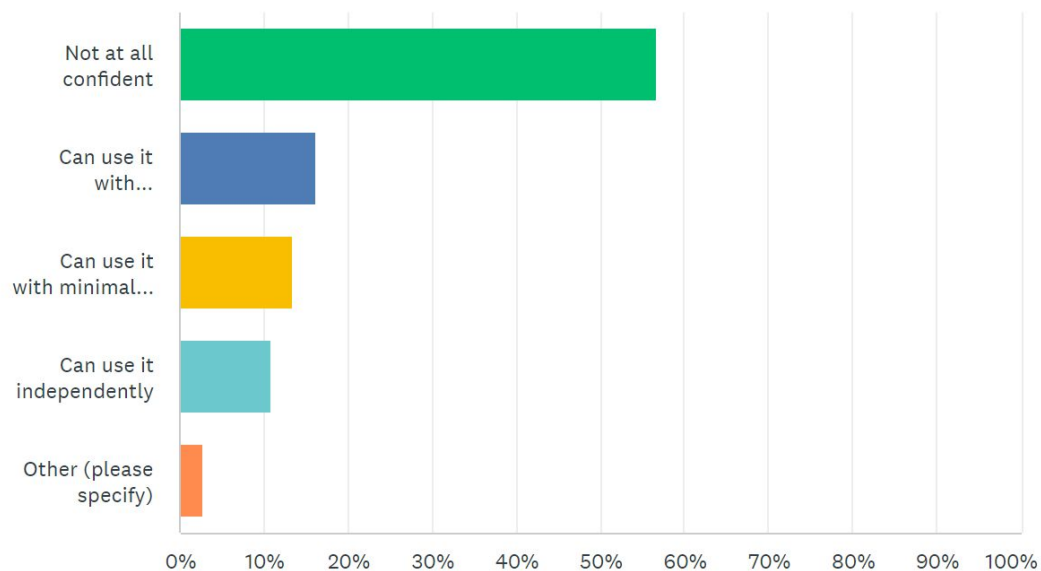
- What is your overall rating of the training?
- Would you recommend the training to colleagues?
- Open comments





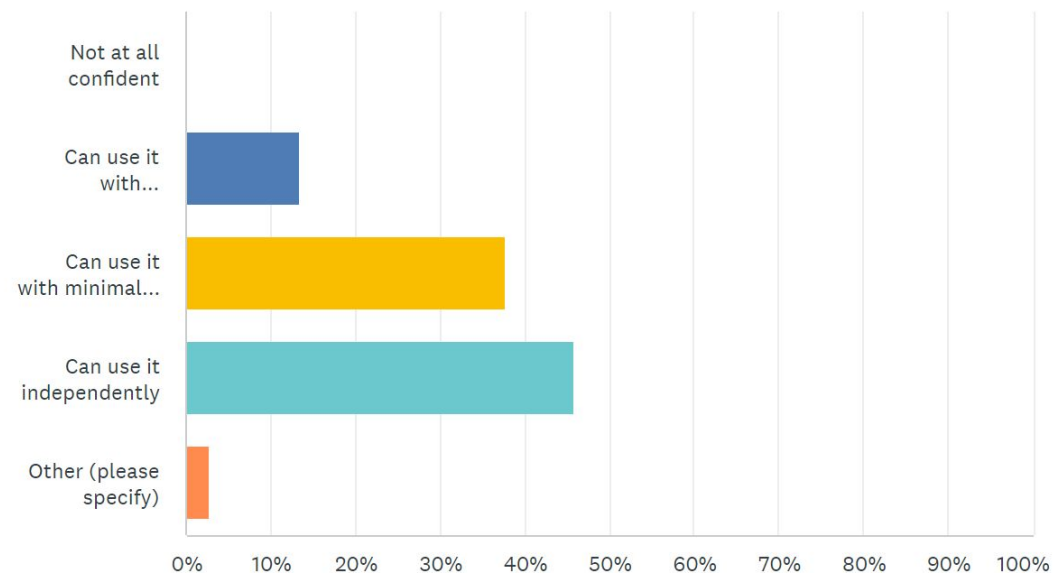
Substantive courses: Level 2: Confidence

BEFORE this event, how would you describe your confidence in using containers for your bioinformatics workflow?



ANSWER CHOICES	RESPONSES
Not at all confident	56.76%
Can use it with significant assistance	16.22%
Can use it with minimal assistance	13.51%
Can use it independently	10.81%
Other (please specify)	Responses 2.70%

AFTER this event, how would you describe your confidence in using containers for your bioinformatics workflow?



ANSWER CHOICES	RESPONSES
Not at all confident	0.00%
Can use it with significant assistance	13.51%
Can use it with minimal assistance	37.84%
Can use it independently	45.95%
Other (please specify)	Responses 2.70%



Substantive courses: Level 2: Confidence

Before

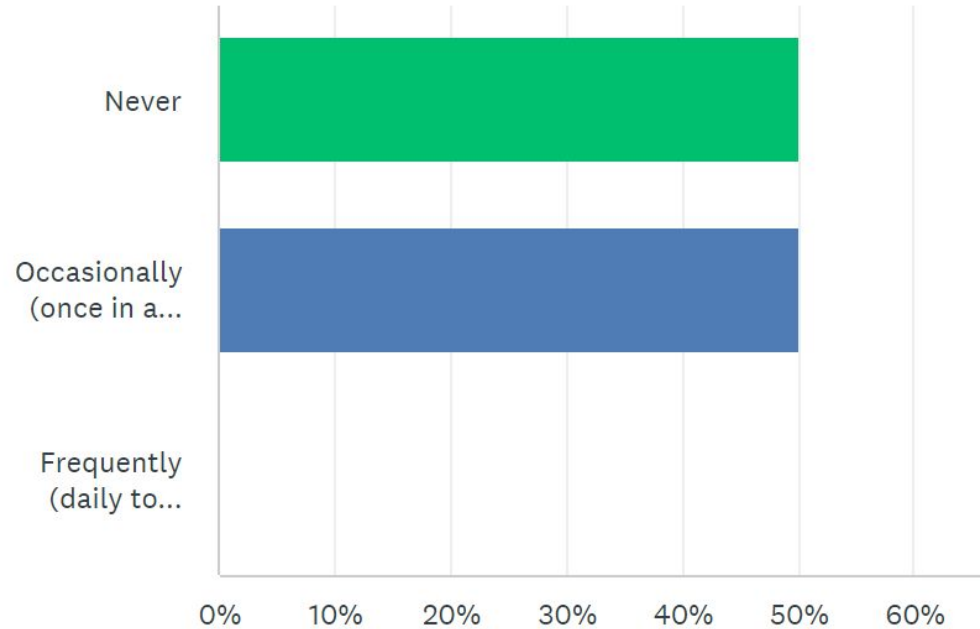
	1 - NOT VERY CONFIDENT	2	3	4	5	6	7	8	9	10 - VERY CONFIDENT
I can explain when and why to use containers.	16.22% 6	16.22% 6	16.22% 6	10.81% 4	10.81% 4	5.41% 2	10.81% 4	2.70% 1	2.70% 1	8.11% 3
I can download and run containers.	32.43% 12	13.51% 5	8.11% 3	10.81% 4	13.51% 5	2.70% 1	8.11% 3	2.70% 1	0.00% 0	8.11% 3
I can build a container.	45.95% 17	16.22% 6	8.11% 3	10.81% 4	5.41% 2	2.70% 1	2.70% 1	2.70% 1	2.70% 1	2.70% 1
I can run analyses using containers.	29.73% 11	18.92% 7	10.81% 4	8.11% 3	5.41% 2	2.70% 1	2.70% 1	13.51% 5	0.00% 0	8.11% 3
I can apply/implement containerisation on my ideas using different applications/packages.	37.84% 14	18.92% 7	13.51% 5	5.41% 2	8.11% 3	8.11% 3	0.00% 0	2.70% 1	0.00% 0	5.41% 2

After

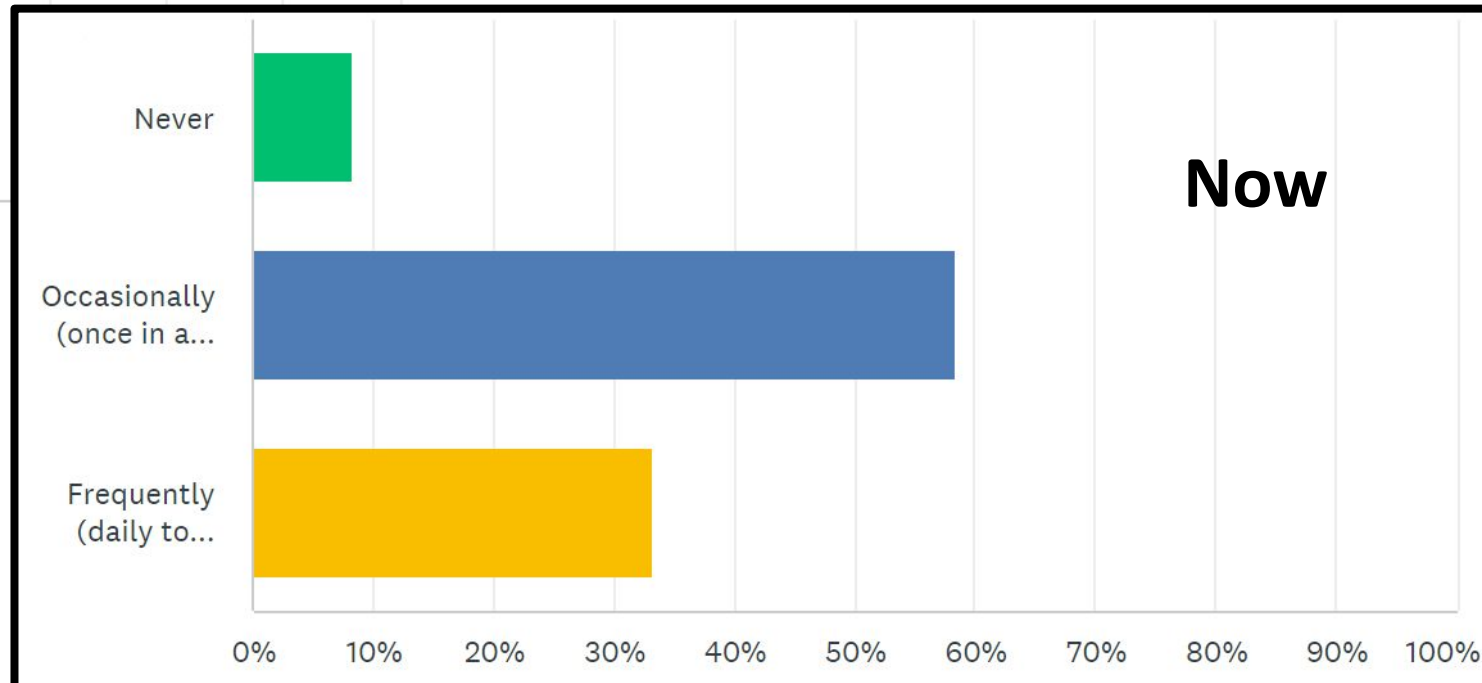
	0.00% 0	0.00% 0	0.00% 0	0.00% 0	2.70% 1	10.81% 4	27.03% 10	24.32% 9	16.22% 6	18.92% 7
	0.00% 0	0.00% 0	2.70% 1	0.00% 0	2.70% 1	8.11% 3	16.22% 6	24.32% 9	16.22% 6	29.73% 11
	2.70% 1	0.00% 0	2.70% 1	13.51% 5	13.51% 5	8.11% 3	16.22% 6	13.51% 5	18.92% 7	10.81% 4
	0.00% 0	2.70% 1	2.70% 1	8.11% 3	8.11% 3	0.00% 0	21.62% 8	27.03% 10	18.92% 7	10.81% 4
	5.41% 2	5.41% 2	0.00% 0	10.81% 4	10.81% 4	10.81% 4	13.51% 5	24.32% 9	13.51% 5	5.41% 2

Substantive courses: Level 3: Behaviour

How often did you use containers before the training in <month>?



Before



Now

Substantive courses: Level 3: Application

What **impact** has the containers training had on:

- Your work and/or work outcomes

Other interesting questions we include:

- At what level of independence are you now using containers?
- Indicate your confidence for the following questions, where 1=low confidence and 10=high confidence. (Mapping to previous)

