# Re-Connecting with Researchers: Assessing effectiveness of eResearch training



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### Research technology impact.



sharing

solving

expertise





**Energy** 

infrastructui





Time





Power up your eResearch capability with expertise, consulting, software engineering and training from Intersect Australia









































### Sector Training Needs



### **Identifying Training Needs**

### **National**

- Cochrane's (2015) NRCIS Status Report on eResearch Capabilities in Australia:
  - Outreach and awareness raising
  - Upskilling and eResearch training
- ACOLA Report (2016) Review of Australia's Research Training System:
  - Digital competence for HDR students
  - Provision of Transferable skills

### Member driven

- Member Requests
- Consultation

### **Preemptive**

Anticipating key skills relevant to the digital revolution



## Learn

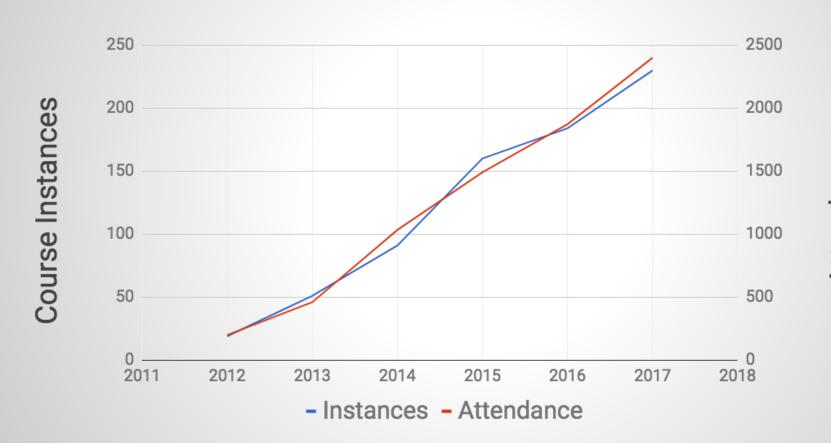
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### Training Capability





### From little things...



Attendance





### Courses

**Data** 











with Git

Compute



























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# Hands On



# Assessing Researcher Benefit





### Would you recommend this course?

On a scale from 0...10 the respondent percentage answering 9-10 'promoters' less those answering 0-6 'detractors'.



+46

Net Promoter Score 2017 courses YTD

(+50 is considered excellent)





### Follow-up Survey

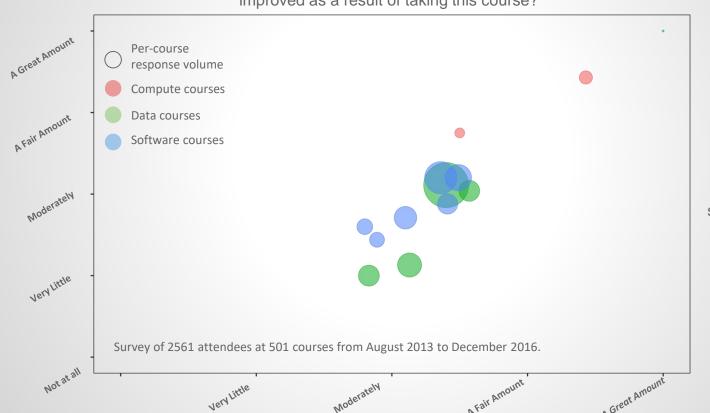
- To what extent has your confidence in using "X" improved as a result of taking this course?
- To what extent has your use of "X" increased since taking this course?
- Open Feedback





### **Quantitative Survey Results**

To what extent has your confidence in using "X" improved as a result of taking this course?



To what extent has your use of "X" increased since taking this course?





### **Qualitative Survey Results**

"The programs were great. They provided a very good first immersion into the software"

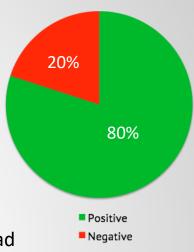
"The training was good/useful in keeping me up touch with available freeware opportunities and it didn't take up too much of my time."

"The training course has been very informative and interactive! It had been useful for my research by upgrading my knowledge I have become faster at getting results."

"The workshops were excellent, and gave me a real understanding of alternative methods, which I am preparing to tackle now."

"The training was fantastic, as was the presenter and his assistants"

"I had a lot of trouble keeping up with the instructor... Very frustrating for a techno dinosaur!"





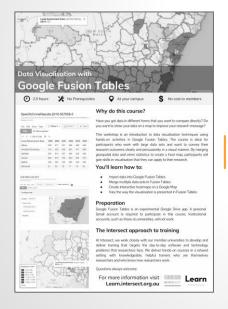
# Responding to Feedback



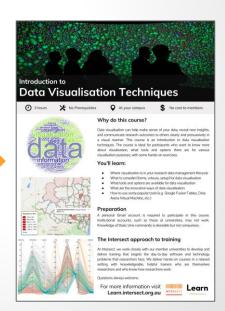


### **Course Development**

"The course was great ... but my research doesn't fall into using the Google Fusion Table."



Upgraded to

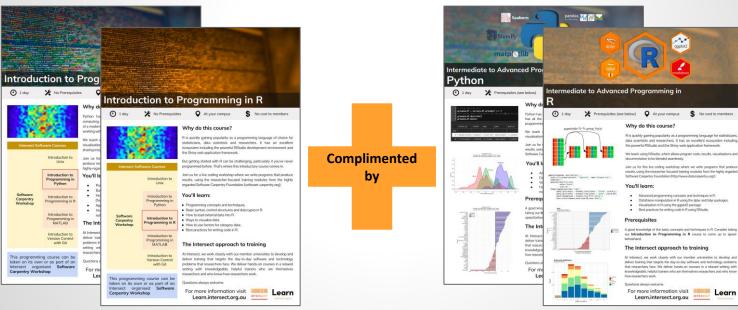






### **Difficulty Development**

"This is a training that needs to repeated and more advanced courses offered."



Introductory

Intermediate to Advanced





### **Member Requests**









### **HDR Digital Research Program**

- Introduction to Digital Research
- Research data management
- Your Digital Footprint
- Citizen Science
- Big Data
- Database concepts



"Brilliant" "Exceeded expectations" "Excellent"





"UNSW leverages the full range of Intersect's specialised eResearch training. We partner to schedule annual training calendars and have seen year on year growth in courses offered and attendance numbers. Our researchers experience consistent, high quality, research-relevant courseware delivered professionally. These courses are an important part of UNSW being a world-class research university with excellent support services."

Luc Betbeder-Matibet UNSW Director Research Technology Services





### **For Member Organizations**

- Ask your eResearch Analyst
- Contact our Training Team <u>training@intersect.org.au</u>
- Visit Learn.intersect.org.au

### For Non-Member Organizations

- Contact our Training Team <u>training@intersect.org.au</u>
- Visit Learn.intersect.org.au



