



THE UNIVERSITY OF
MELBOURNE

Petascale
Campus
Initiative

Introducing MDAP

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**MELBOURNE
DATA ANALYTICS
PLATFORM**

We are a team of academic specialists working to enable data-intensive research across the disciplines at the University.

MDAP formed as part of the Petascale Campus Initiative (PCI) — a five year plan to accelerate the University's capacity for data-intensive research over 2018 to 2022.

Petascale Campus Initiative (PCI):



Infrastructure



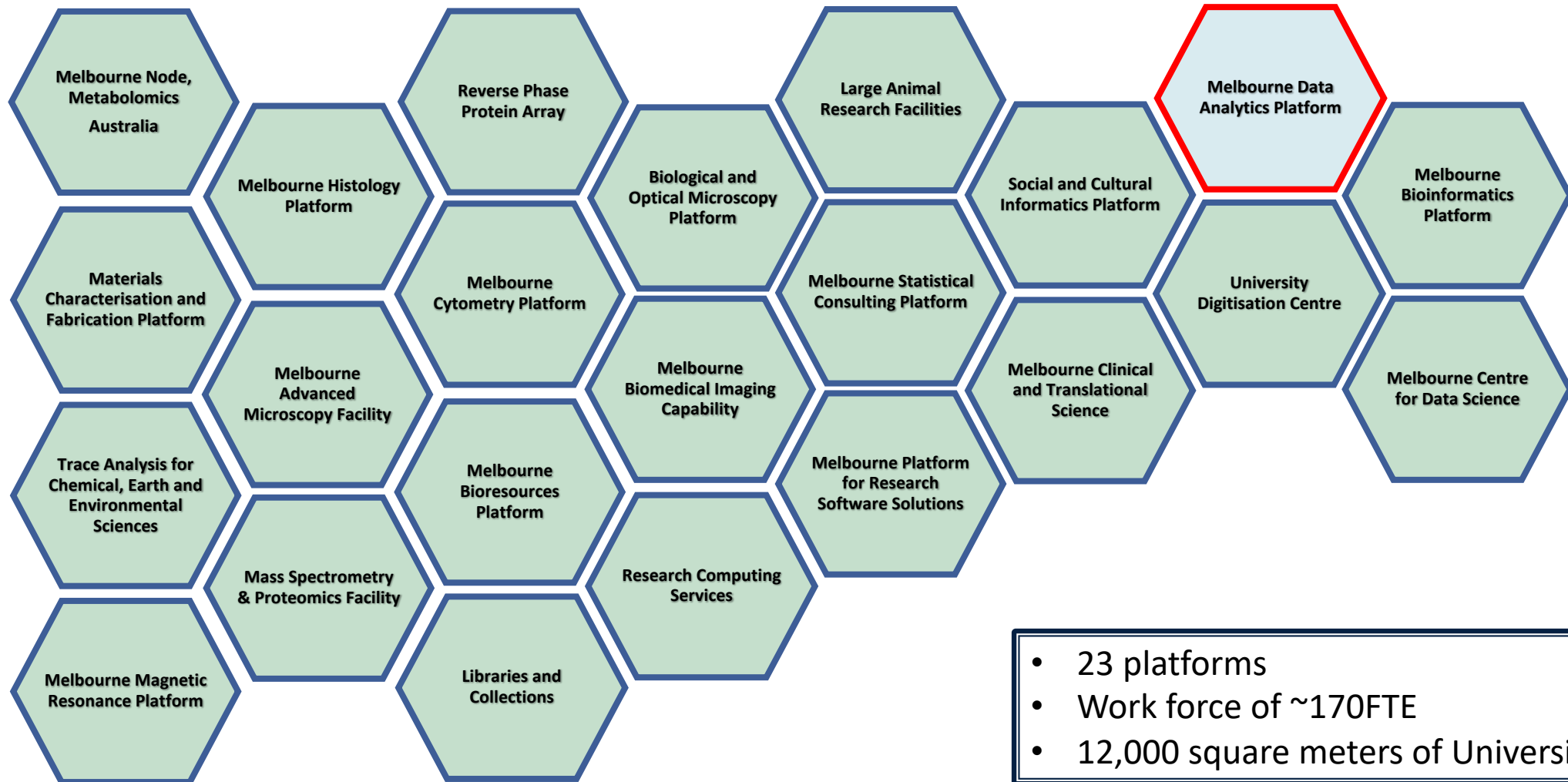
Leadership



Workforce = MDAP



University of Melbourne Research Infrastructure



- 23 platforms
- Work force of ~170FTE
- 12,000 square meters of University space

Melbourne Data Analytics Platform (MDAP):



Collaboration



Computing

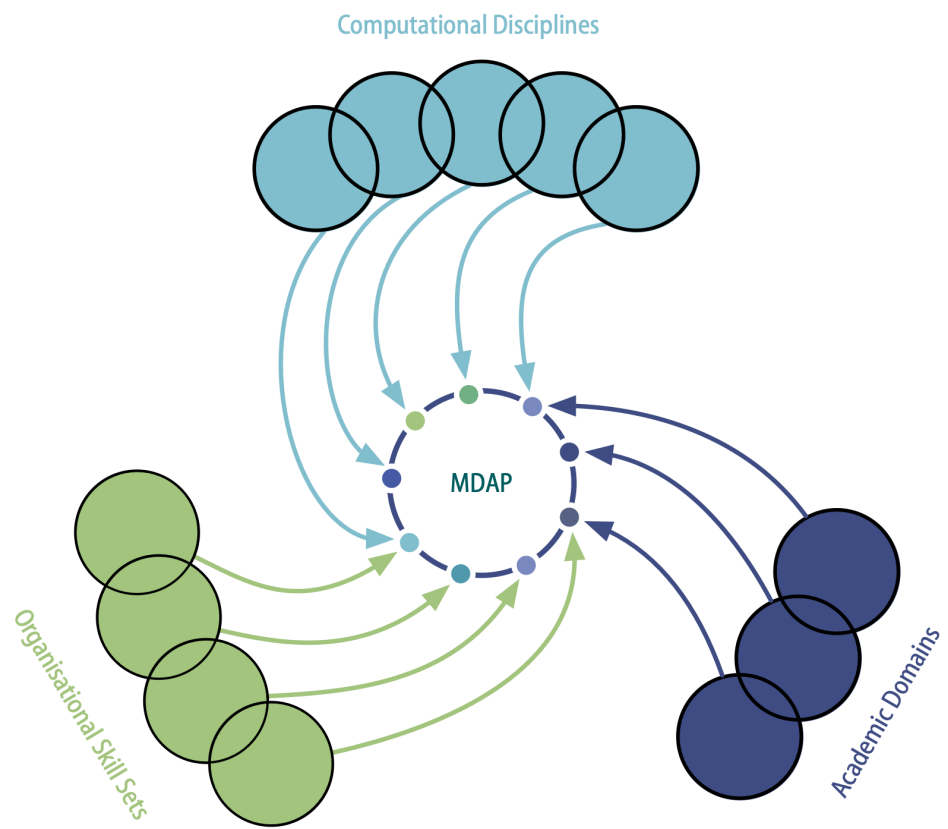


Research Impact



Our team

MELBOURNE
DATA ANALYTICS
PLATFORM



Research Data Academic Specialists

Analytic expertise

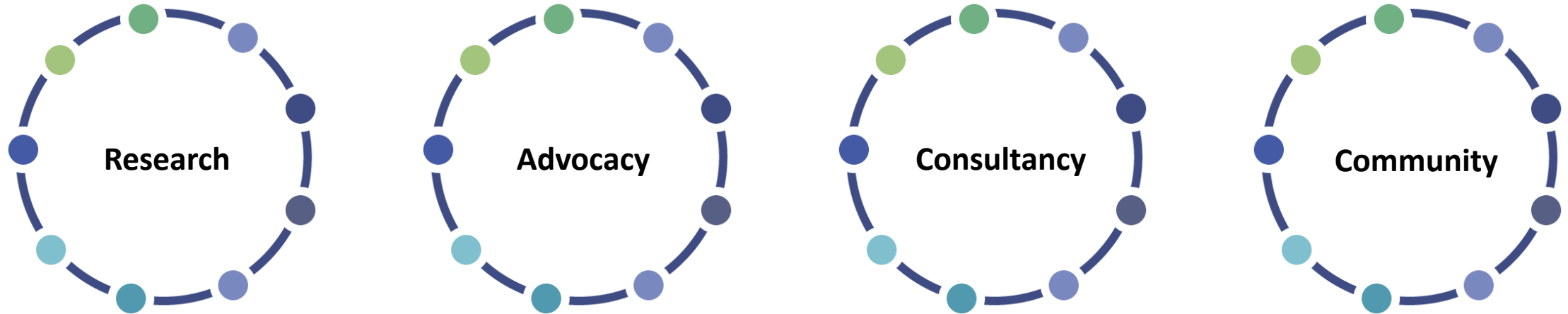
- High performance and cloud computing
- Natural language processing
- Machine learning
- Computing infrastructure
- Data wrangling and analysis
- Image processing
- Process automation
- Virtual/augmented reality
- Visualisation
- Web development
- **+ more**

Stewardship expertise

(developing capability)

- Collaborate with researchers in all stages of a research endeavour
 - design and research questions
 - data collection, workflows and management
 - analysis and presenting results
- Supporting researchers in setting up long-term management of research output (eg. FAIR, CARE, Open scholarship)
- Community building
- **+ more**

A "third space" community



- Learn how different individuals and teams in similar roles engage in these missions, so that we may all become more effective
- Together build a profile that leads to recognition from our academic and professional colleagues, and recognition by our institutions (which of course secures funding), and publishing (to enable acknowledgement of non-traditional research support and output)
- Developing a valued and recognised career path, improving our career mobility

Thank you!

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