

Loom Assist: Data-intensive Computing On Demand

A self-service workbench to accelerate research outcomes

Today's research labs, educational institutions, and engineering firms are looking for agility, ease of management, and access to enhanced resources to satisfy the increasing demand for data-intensive analysis capabilities.

Our cloud-based platform gives users autonomy to deploy their own compute and storage resources, by enabling infrastructure teams to make use of a rich catalogue of solutions available in the cloud to create powerful tailored offerings, while controlling costs.



- Stay ahead of the constant demand for more capacity and access to the latest technologies
- Provision centralised data and document storage to manage classification and retention policies with enterprise tools
- Provide a framework that helps users keep track of their consumption and promotes effective collaboration
- Accelerate results and maximize efficiency by offering resources targeted to specific scenarios
- Allocate budget limits and configure consumption alerts to stay abreast of costs

Empower users

- Give users the autonomy to select from a curated list of compute and storage options.
- Enable users to create and manage multiple projects, each with its own budget and team.
- Provide access to the latest technologies, including InfiniBand-connected High Performance Computing (HPC) resources, GPUs, FPGAs, AI/ML, and more.

Help researchers and analysts to achieve results faster and have more room for exploration

Manage effectively

- Create governed project frameworks with budget limits and consumption alerts.
- Publish resource templates tailored with software and tools to best suit each particular type of analysis or modelling.
- Ensure that data classification standards are followed to support data governance policies.

Spend more of your time helping achieve breakthroughs, and less time dealing with hardware

Collaboration is key

- Seamless integration with Microsoft Teams facilitates chat capabilities, online meetings, and file sharing.
- Provide managed document libraries per project so that users can share documents, find files easily, and access them from any device at any time.
- Facilitate teamwork by enabling the sharing of workstations, document libraries, and data assets.

Increase and improve research outcomes with the help of powerful collaboration tools

"Microsoft Azure is enabling us to keep up with the data deluge in the DNA sequencing space, We're not only analyzing data faster, but analyzing it more intelligently."

Wu Feng, Professor of Computer Science, Virginia Tech

Our self-service workbench provides quick and effortless access to the extraordinary capabilities available on Azure to empower and accelerate discovery faster than ever before.



Research without limitations

- Basic technical challenges, such as the availability of performant analysis platforms and effective tools for collaboration, commonly affect the outcome of research projects.
- With Azure, researchers no longer need to shape their research objectives to match the resources available to them, and instead can access resources that match their requirements and empower them to achieve more.



Analysis resources to satisfy any demand

- Data and infrastructure managers can readily keep up with the expanding demand for faster, larger, newer resources from users with diverse needs, levels of expertise, and different budgetary constraints.
- Add value by freeing infrastructure teams to solve complex technical problems that are focused on research outcomes, instead of wasting valuable time deploying and maintaining expensive infrastructure.

Our promise to you

Our platform will provide the flexibility, scalability and ease of use that will empower your researchers to achieve more by using the cloud.

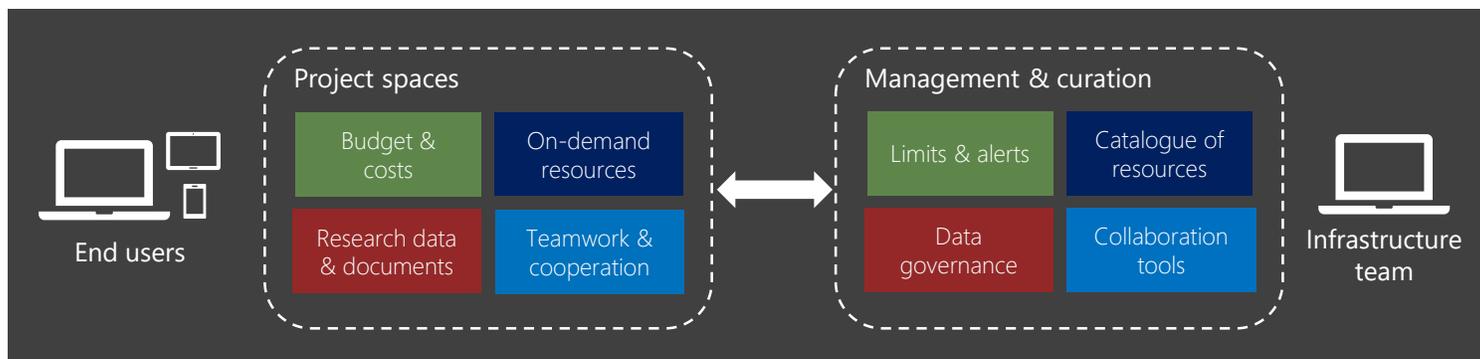
An offer to get you started

Try our platform for free for 60 days, and work with us to:

- Customize resource templates for your specific scenarios
- Configure consumption budgets and alerts
- Train and onboard end users

Get Started from
\$2,500 / month

 info@bizdata.com.au



Tangible Benefits

- Unburden IT staff and free their time to add tangible value helping researchers use the latest analysis technologies
- Implement centralized research data management and governance to maintain security, apply policies and protect IP
- Empower researchers to publish faster and more often by facilitating exploration and innovation
- Achieve more impactful research outcomes by enabling efficient collaboration within and outside of your organization
- Become resilient by keeping researchers productive and connected, even amidst crises and pandemics

Why BizData?

BizData is an internationally award winning Data Analytics Agency. We specialise in rapid delivery of Artificial Intelligence, Big Data and Business Intelligence solutions, leveraging Microsoft and Open Source technology. BizData is widely recognised for excellence in innovation and implementation of customer solutions that spearhead a data-driven culture for everyone