Access in the Cloud

RDS

NDAR
National Database for Autism Research
Serving the autism research community

- Images
- Videos
- Files
- Binaries
- Snapshots
Access in the Cloud

RDS

NDAR National Database for Autism Research
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Images
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RDS images videos files binaries snapshots

NDAR National Database for Autism Research
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Amazon Web Services
Access in the Cloud

RDS

images
videos
files
binaries
snapshots

NDAR National Database for Autism Research
Serving the autism research community
Access in the Cloud
Computation in the Cloud

- RDS
- images
- videos
- files
- binaries
- snapshots

Galaxy

NITRC - The source for neuroimaging tools and resources

Cloud BioLinux
Where is this Going?

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2. Experimental data and results uploaded to the cloud along with reproducible machine images
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6. Automated workflows re-run the original researcher’s experiments on the new data using the original machine images. Interesting results trigger notifications and further review.
AWS Education and Research Grants

AWS in Education

AWS in Education offers education, academic researchers, and students access to free usage credits to help with on-demand infrastructure of the Amazon Web Services (AWS) to teach advanced courses, support research endeavors, and explore new projects—tasks that previously would have required expensive up-front and ongoing investments in infrastructure.

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- University of California at Berkeley
- University of Texas at Austin
- University of Oxford

Grants Application Process

Educators, Researchers, Students, Education IT, Machine Learning

Researchers

AWS in Education will review and support selected research projects with grants that offer free access to AWS infrastructure services. Often, large research projects require unparalleled compute power and storage, which can be expensive. With grants from AWS, researchers can get started quickly, even with limited resources.

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