Service	Free Trial	Always Free	Grants & Programs	Application Cycle	Grant Length	Resources
XSEDE Jetstream	Trial Allocation - 1,000 service units ~ core hours - 6 months - 1 VM Campus Champion Allocation - More resources - Only for development, not production - Use while you apply - contact brc@berkeley.edu	Publicly funded resource All access is through grants	Startup Allocation Education Allocation	Continuous 2 week turnaround	1 year	50k service units ~ (50k core hours or 2,500 GPU hours)

			Research Allocation	Quarterly
				  (Submission Period -> Start Date)
				  (Dec 15-Jan 15 -> April)
				  (Mar 15-Apr 15 -> Jul)
				  (Jun 15-Jul 15 -> Oct)
				  (Sept 15-Oct 15 -> Jan)
					open ended	5M service units awarded per quarter

AWS	12 months Limited usage per month Enough for 1 always on VM	1 M function calls Numerous support services	AWS Educate	Continuous Immediate registration	1 year (renewable)	$200 for educators, $100 for students Access to course materials Can be used to learn and get started with AWS, not just teaching

			Cloud Credits for Research	Quarterly
				  (Jan-March)
				  (April-June)
				  (July-September)
				  (October-December)
				2-3 month turnaround
					1 year	Not specified/Open ended

			Machine Learning Research Awards	Continuous submission Quarterly awards	1 year	Not specified/Open ended
			Research Cloud Program	Continuous Immediate registration	NA	Outreach program for researchers. Some discounts, budget management tools, and invoicing instead of credit card. Researcher & science specific guides and tools.
Azure	30 days - $200 credit 12 Months: - 750 VM hours/month - 128 GB storage - 250 GB SQL database - and more	Azure Notebooks Machine Learning Studio Numerous support services not sufficient for most compute or data storage tasks.	Azure for Research	2 months Rotating Topics	1 year	Not specified/Open ended
			Machine Learning Studio	Continuous Immediate registration	NA	1 hour experiment time limit 10 GB storage limit
			Azure Notebooks	Continuous Immediate registration	NA	Free hosting of Jupyter Notebooks. 4 GB storage limit
GCP	12 months, $300 credit	1 VM - 1 CPU, 0.6GB RAM, 30GB HDD 5 GB storage 2 M function calls Cloud Shell (Instant Linux machine) Limited usage of machine learning APIs	Faculty Research Awards	Yearly (Late Summer) 4 month turnaround	1 year	$150,000 to support a graduate student in Google-relevant field and associated costs (including cloud resources).
			Education Grant (for CS courses)	1 year (March 2nd)	1 school year	Up to $500 per teacher for teachers of middle and highschool computer science
Digital Ocean	None	None	Sponsorship	NA	Not sepecified	No formal grants, but email sponsorship@digitalocean.com to inquire about sponsorship.
GitHub	None	Public Repositories	Student Developer Pack	NA	While a student	~$100 AWS credit $50 Digital Ocean credit Private GitHub Repositories Many other developer resources
MyBinder.org	NA	Interactive Jupyter Notebooks from GitHub repositories launched in the cloud for free	NA	NA	NA	NA