



AKADEMIA GÓRNICZO-HUTNICZA  
IM. STANISŁAWA STASZICA W KRAKOWIE  
AGH UNIVERSITY OF KRAKOW

Chmury obliczeniowe do zagadnień ML, przegląd,  
wymagania, pokaz możliwości AZUR, AWS, AGH Cyfronet

# AWS Free Tier

## MACHINE LEARNING

NEW

Free Tier

FREE TRIAL

Amazon SageMaker

# 2 Months

free trial

Machine learning for every data scientist and developer.

**250 hours** per month of ml.t3.medium on Studio notebooks OR **250 hours** per month of ml.t2.medium or ml.t3.medium on on-demand notebook instances

**25 hours** per month on ml.m5.4xlarge on SageMaker Data Wrangler

**10M write units**, 10 M, read units, 25 GB storage per month on SageMaker Feature Store

**50 hours** per month of m4.xlarge or m5.xlarge instances on Training

**125 hours** of m4.xlarge or m5.xlarge instance per month on Inference

## COMPUTE

Free Tier

12 MONTHS FREE

Amazon EC2

# 750 Hours

per month

Resizable compute capacity in the Cloud.

**750 hours** per month of Linux, RHEL, or SLES t2.micro or t3.micro instance dependent on region

**750 hours** per month of Windows t2.micro or t3.micro instance dependent on region

**750 hours** per month of public IPv4 address regardless of instance type

## STORAGE

Free Tier

12 MONTHS FREE

Amazon S3

# 5 GB

of standard storage

Secure, durable, and scalable object storage infrastructure.









5 GB of Standard Storage

20,000 Get Requests

2,000 Put Requests



# Azure for Students

<p>12 Months</p>  <p><b>Azure Virtual Machines—Windows</b></p> <p>750 hours each of B1s, B2pts v2 (Arm-based), and B2ats v2 (AMD-based) burstable VMs</p>	<p>12 Months</p>  <p><b>Azure Virtual Machines—Linux</b></p> <p>750 hours each of B1s, B2pts v2 (Arm-based), and B2ats v2 (AMD-based) burstable VMs</p>	<p>Always</p>  <p><b>Azure SQL Database</b></p> <p>100,000 vCore seconds of SQL database serverless usage per month with 32 GB of storage</p>	<p>12 Months</p>  <p><b>Azure Blob Storage</b></p> <p>5 GB locally redundant storage (LRS) hot block with 20,000 read and 10,000 write operations</p>
<p>Always</p>  <p><b>Azure Cosmos DB</b></p> <p>1,000 request units per-second provisioned throughput with 25 GB storage</p>	<p>Always</p>  <p><b>Azure App Service</b></p> <p>10 web, mobile, or API apps with 1 GB storage 1 hour per day</p>	<p>Always</p>  <p><b>Azure Functions</b></p> <p>1 million requests</p>	<p>Always</p>  <p><b>Azure Event Grid</b></p> <p>100,000 operations per month</p>



Start with \$100  
Azure credit

No credit card  
required

- > Superkomputer Helios, najnowszy superkomputer wdrożony w Cyfronecie, wyposażony w 440 superchipy NVIDIA Grace Hooper GH200
- > Superkomputer Athena, 155. najszybszy superkomputer na TOP500 (22. na Green500), wyposażony w 384 akceleratory NVIDIA A100

