Free cloud computing with AWS

We have 20 first come, first serve AWS credits, each worth $400 for your team.

How to request the credits:

Send an email to hackathon@carelon.com or contact **Guido Muscioni** on the slack channel.

In your request, please include your teammates and team name. We will provide 1 code per team, and we will update if other codes are available trough HackGT.

We will start assigning the credits right after concluding the main challenge presentation.

<Instructions on how to use these credits will be provided on our GitHub page.>

How To use the AWS credits

1. We will provide you a code that you can redeem in the AWS console

2. You will first create an **AWS account** or you can use your personal one (you will be asked for a credit card)

3. To redeem the code, go to Billing→ Credits:

    1. Redeem credit

    2. Insert code information and security code

    3. The code will expire after HackGT

Be careful about expenses

Be careful about your spending on AWS. Certain machines are very expensive, and you could face expenses on your credit card for which you will be responsible.

Here are some resources:

- https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/checklistforunwantedcharges.html

- https://aws.amazon.com/getting-started/hands-on/control-your-costs-free-tier-budgets/ (look for point 4)

Tips

❖ **Brainstorm many ideas, but then select one**

❖ **Establish work tracks:** Data (if any), prototyping, market analysis and engineering

❖ If you plan on using our AWS credits, **AWS SageMaker** is a great tool for quick development. It provides preconfigured Jupyter Notebooks. You can dynamically change your instance type and storage requirement, so you can use a small machine to prototype, and change it to a larger one just to conduct some testing.

❖ **Lyfecycle configuration** are a great tool to turn off a notebook automatically if you are not using it (https://aws.amazon.com/blogs/machine-learning/save-costs-by-automatically-shutting-down-idle-resources-within-amazon-sagemaker-studio/).

❖ Building your solution is only a third of the points, also **focus on the innovation and the final presentation** which can award 67%