Free cloud credits for AWS

You can use AWS for your solution:

- Computing
- Databases
- Data science

For the main challenge we will provide **AWS credits** to the **first 25** teams requesting it. Each AWS code is worth $**350** in AWS credit.

Instructions will be available on our GitHub page.

https://github.com/anthem-hackathon/HackGT2020

How to request AWS credits

To request the code, send an email to hackathon@anthem.com or contact Guido Muscioni on slack.

In your request you should include your **teammates** and the **team name**. Initially we will provide 1 code per team. We will let you know if we have more available during the hackathon.

We will assign code as soon as possible and no later than Saturday 3PM (EDT)

How to use 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 October 31st

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)

Use SageMaker!

AWS SageMaker is a great tool for quick development. You will have a preconfigured EC2 with **Jupyter Notebooks**. You can dynamically change the instance type as well as the storage size (remember to save everything in ~/sagemaker otherwise everything will get removed after you shutdown the machine).

Please use this **lifecycle configuration** (https://github.com/aws-samples/amazon-sagemaker-notebook-instance-lifecycle-config-samples/blob/master/scripts/auto-stop-idle/on-start.sh). You can set a timeout and if the notebook is in idle for more than that it will be shutdown (and you will not pay for unused computing).