VMs Options Info - 10/03/2022

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Status	Approved
Type	Research
Created	@October 3, 2022 1:56 PM
Last Edited Time	@November 13, 2022 9:21 PM
Last Edited By	Ⓖ Gilles Myny
Date	@October 3, 2022
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Deep Learning on AWS

AWS features frameworks such as Apache MXNet, Tensorflow, MCT (Microsoft Cognitive Toolkit), Caffe 1 and 2, Torch and Keras.

Amazon EC2 allows for resizable compute capacity in the Cloud that has 750 hours per months for 12 months free.

Amazon Rekognition allows deep learning-based image recognition services for 5000 images per month for 12 months free.

https://aws.amazon.com/deep-learning/

Deep Learning VM Image on Google Cloud

Google Cloud has preconfigured VMs for deep learning applications. Launching using Compute Engine instances pre-installed with TensorFlow, PyTorch, scikit-learn and more. Cloud GPU can also be added. The VM's are optimized with NVIDIA CUDA-X AI libraries and Intel Math Kernel libraries. JupyterLab is preloaded on the VM Images for an interactive environment.

Google Cloud has 300$ in free credit, for 90-days. However, no GPUs can be added to the VM instances.

Azure Machine Learning

Azure offers data labeling to create, manage, and monitor labeling projects, and automate iterative tasks with machine learning-assisted labelling. Doesn't offer the best support for neural networks and training models, other than labelling data quickly.

Azure Machine Learning has 200$ in credit, for 30 days.

Azure Anomaly Detector can detect anomalies in data to quickly identify and troubleshoot issues, for AI and machine learning purposes, with 20000 transactions at S0 tier for 12 months.