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Cloud Computing
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Assignment 2: Cloud Enabling Technologies

Use Google Cloud Platform to create a Virtual Machine with Ubuntu OS.

Login using SSH

Answer the following questions:

1. What is a Virtual Machine?

   a. It is an emulation of a computer system. It runs software that runs within a special operating system. It runs on a hypervisor which sits between the virtual machine and the physical hardware. In our case, the virtual machine runs in the cloud.

2. What is SSH?

   a. This is a key that keeps information private and away from the public. This is called secure shell. Without SSH, anyone can access the information.

3. What did you learn by doing this exercise?

   a. I learned how to create my own virtual machine in the cloud and how to access it using SSH. In particular, I better understood the difference between a physical machine and a virtual machine.