**Castro, Amanda**

**ISEC 545 – Data Privacy and Security**

**HOS 01A**

Write a **150-word summary** to explain your understandings and findings from this hands-on skill. Please provide **at least 3 screenshots**.

Our goal here is to practice how you communicate and create documentation, which is essential in any job function.

**Part 1**

**SCREENSHOT #1**

Graphical user interface, text, application

Description automatically generated

**SCREENSHOT #2**

**Graphical user interface, text, application, Word

Description automatically generated**

**SCREENSHOT #3**

**Graphical user interface, application, Word

Description automatically generated**

**Graphical user interface, text, application, email

Description automatically generated**

**PART 2**

Write a 150-word summary to explain your understandings and findings from this hands-on skill. Consider the questions at the end of the HOS when writing your summary.

In this HOS practice, I setup an Azure Microsoft account so I could learn how to create a resource group for the class ISEC545 as a way to collect all information and work for that group. A virtual machine is a virtualization of a computer system we often use for class to practice actions and commands. We created a free virtual machine and were able to see all the various options including disk options. We setup disk encryption for both the operating system and the data so that our files will be not only saved but protected. We created and named a file to store in the resource group. A key vault is used to strengthen access control and security. Operations are setup in key vault after authenticating it. As mentioned in our readings, it’s important to protect data with encryption while it is transit and while it is at rest.