2. “Translation” of 2-3 selected labs from Console instructions to 100% command line.

Course: Google Cloud Platform Fundamentals- Core Infrastructure

Module: Storage in the Cloud

GCP Fundamentals: Getting Started with Cloud Storage and Cloud SQL

[Create a Cloud storage bucket]

//Choose a location, then enter it into variable LOCATION//

export LOCATION=US

//DEVSHELL\_PROJECT\_ID is your project ID, which will also be the bucket name as a bucket name needs to be globally unique//

gsutil mb -l $LOCATION gs://$DEVSHELL\_PROJECT\_ID



gsutil cp gs://cloud-training/gcpfci/my-excellent-blog.png my-excellent-blog.png

//Copy the image banner to your bucket//

gsutil cp my-excellent-blog.png gs://$DEVSHELL\_PROJECT\_ID/my-excellent-blog.png

//Make the object readable by everyone//

gsutil acl ch -u allUsers:R gs://$DEVSHELL\_PROJECT\_ID/my-excellent-blog.png

GCP Fundamentals: Getting Started with Cloud Marketplace

Creating a VM using the gcloud command line.

[To display list of all the zones in your region/assigned region]

//gcloud compute zones list | grep(your region)//

gcloud compute zones list | grep us-central1

[Choose another zone for your new VM instance]

//gcloud config set compute/zone (chosen zone)//

gcloud config set compute/zone us-central1-b

[Create a VM instance named *my-vm-2* in the chosen zone]

gcloud compute instances create "my-vm-2" \ --machine-type "n1-standard-1" \ --image-project "debian-cloud" \ --image "debian-9-stretch-v20190213" \ --subnet "default"

Course: Getting started with application development on Google Cloud

Module: Google cloud client libraries, Google Cloud SDK, and Google firebase SDK

[To close console]

Exit

Your VM instance should show.

[Install software on the VM instance]

//In the VM instance SSH, update the Debian package list//

sudo apt-get update

//Install Git//

sudo apt-get install git

If prompted, type *Yes.*

//Download Node.js setup script//

curl -sL https://deb.nodesource.com/setup\_6.x | sudo -E bash –

//Install npm and Node.js//

sudo apt install nodejs

[Configure the VM to run application software]

//Check version of Node.js//

node -v

//Clone the class repository//

git clone <https://github.com/GoogleCloudPlatform/training-data-analyst>