**APP DEV: SETTING UP A DEVELOPMENT ENVIRONMENT V1.1**

TASK1

1) Once on the cloud platform console, click on the navigation menu, then proceed to the app engine

2) Click on the VM Instances, and then create

3) Create an instance page, for the name, you should type dev-instance, then select us-central1 for the region and central 12 for the zone

4) In the identity and Ape access section, click on access scopes then select Allow full access to all cloud APIs

5) In the firewall section, click on enable HTTP traffic

6) Leave the remaining settings in their default form, and then create

7) On the VM instances page, go to the dev-instance form ,then click SSH in the connect column.

TASK 2

1) In the SSH, session, to update the Debian package list, execute the following command:

sudo apt-get update

2.To install Git, execute the following command:

sudo apt-get install git

If prompted, press Enter.

3.To download the Node.js setup script, execute the following command:

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

4.To install npm and Node.js, execute the following command:

sudo apt install nodejs

TASK 3

1. To check the version of Node.js, execute the following command:

node -v

You should see the Node.js version number for version 6.

1. To clone the class repository, execute the following command:

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

1. To change the working directory, execute the following command:

cd ~/training-data-analyst/courses/developingapps/nodejs/devenv/

1. To run a simple web server, execute the following command:

sudo node server/app.js

1. Return to the Cloud Console VM instances list, and click on the External IP address forthe dev-instance.

You should see a Hello GCP dev! message from Node.js.

1. Return to the SSH window, and stop the application by pressing **Ctrl+C**.
2. To install the Node.js library for Compute Engine, execute the following command:

npm install

1. To run a simple Node.js application that lists Compute Engine instances, execute the following command:

node list-gce-instances.js