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SEIS745-01

November 21, 2023

Big Data Engineering Project

World Bank IBRD Loans & IDA Credits/Grants

Environment Set Up Documentation

Purpose

This document will serve as a guide alongside the Project\_Commands.Sh file for you to be able to reproduce the results demonstrated in this project in your own environment.

Pre-Requisites

1. This project requires you have an Amazon AWS Account provisioned either by yourself or accessible through your work/educational organization.
   1. Amazon does offer a free tier for Amazon AWS which you can review at this [link](https://aws.amazon.com/free/?gclid=CjwKCAiAx_GqBhBQEiwAlDNAZvQ9of-OUiF0QfI78SHgJv5wvkKzn5dudxFLsEwluI7qt6e7ST8spBoChFwQAvD_BwE&trk=7541ebd3-552d-4f98-9357-b542436aa66c&sc_channel=ps&ef_id=CjwKCAiAx_GqBhBQEiwAlDNAZvQ9of-OUiF0QfI78SHgJv5wvkKzn5dudxFLsEwluI7qt6e7ST8spBoChFwQAvD_BwE:G:s&s_kwcid=AL!4422!3!651751058790!e!!g!!aws%20account!19852662149!145019243897&all-free-tier.sort-by=item.additionalFields.SortRank&all-free-tier.sort-order=asc&awsf.Free%20Tier%20Types=*all&awsf.Free%20Tier%20Categories=*all)
2. Next, this project requires you set up a Cloud9 IDE environment within Amazon AWS to run the Project\_Commands.sh file.
   1. Amazon has an excellent walkthrough you can utilize to set up your Cloud9 environment at this [link](https://docs.aws.amazon.com/cloud9/latest/user-guide/setting-up.html).

Environment Set Up

With the Cloud9 IDE opened, in the left-hand pane, at the top of the canvas click file and select local file upload to upload your project files (project\_commands.sh & template.json)

A screenshot of a computer

Description automatically generated

Next, you will double-click the project\_commands.sh and it will open a new tab in your Cloud9 IDE.

A screenshot of a computer program

Description automatically generated

To open a new terminal, select the green circle with the + sign in the middle and select the option ‘New Terminal’

You will now copy each section of the project\_commands.sh and past it in a new terminal window where you will run the code.