Requirements for local Installation

# Local Installation

## Perquisites

* + Google Project
    - API and Services enabled
  + Service Account
    - Goto IAM & Admin. Configure the following Permissions required
      * BigQuery Admin
      * BigQuery Read Session User
      * Compute Storage Admin
      * Owner
      * Storage Admin
      * Storage Folder Admin
      * Storage Object Admin
  + Terraform
    - In GCP Cloud Storage, bucket has to be created
    - In BigQuery, Dataset has to be created (olist)

## Preparing the ground

* + Download the git
  + Goto Local Folder
    - Docker build of the image

## Running it locally

* + Create a folder where the mage data is going to reside
  + Go to folder
    - Copy the Service Account.JSON here
    - Copy the Kaggle Account.JSON here
    - Copy the Custom Mage Pipeline created for the Project
  + Run docker command to initiate mage

*docker run -d -t --name skp\_mage\_spark -e SPARK\_MASTER\_HOST='local' -p 6789:6789 -v $(pwd):/home/src mage\_spark /app/run\_app.sh mage start skpmagepipeline*

* + CD to *skpmagepipeline/dbt*
  + Git clone git@github.com:clicksuku/skp\_olist\_data\_dbt.git
  + Run <http://localhost:6789/>
  + Goto Pipeline skpdezolist
    - Run each step in the pipeline