Yogeshwaran S

Case Study 8

Module 8: Data Flow and Data Processing

Step 1 –

I create a txt file of a book called "The Republic"

mrepublic - Notepad File Edit Format View Help

Provided by The Internet Classics Archive. See bottom for copyright. Available online at http://classics.mit.edu//Plato/republic.html



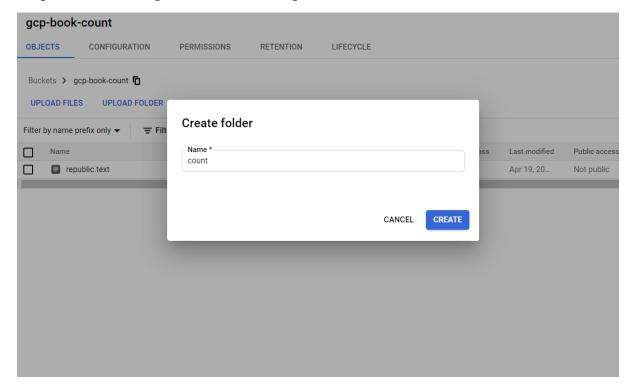
Translated by Benjamin Jowett

THE INTRODUCTION

The Republic of Plato is the longest of his works with the exception of the Laws, and is certainly the greatest of them. There are nearer approaches to modern metaphysics in the Philebus and in the Sophist; the Politicus or Statesman is more ideal; the form and institutions of the State are more clearly drawn out in the Laws; as works of art, the Symposium and the Protagoras are of higher excellence. But no other Dialogue of Plato has the same largeness of view and the same perfection of style; no other shows an equal knowledge of the world, or contains more of those thoughts which are new as well as old, and not of one age only but of all. Nowhere in Plato is there a deeper irony or a greater wealth of humor or imagery, or more dramatic power. Nor in any other of his writings is the attempt made to interweave life and speculation, or to connect politics with philosophy. The Republic is the centre around which the other Dialogues may be grouped; here philosophy reaches the highest point to which ancient thinkers ever attained. Plato among the Greeks, like Bacon among the moderns, was the first who conceived a method of knowledge, although neither of them always distinguished the bare outline or form from the substance of truth; and both of them had to be content with an abstraction of science which was not yet realized. He was the greatest metaphysical genius whom the world has seen; and in him, more than in any other ancient thinker, the germs of future knowledge are contained. The sciences of logic and psychology, which have supplied so many instruments of thought to after-ages, are based upon the analyses of Socrates and Plato. The principles of definition, the law of contradiction, the fallacy of arguing in a circle, the distinction between the essence and accidents of a thing or notion, between means and ends, between causes and conditions; also the division of the mind into the rational,

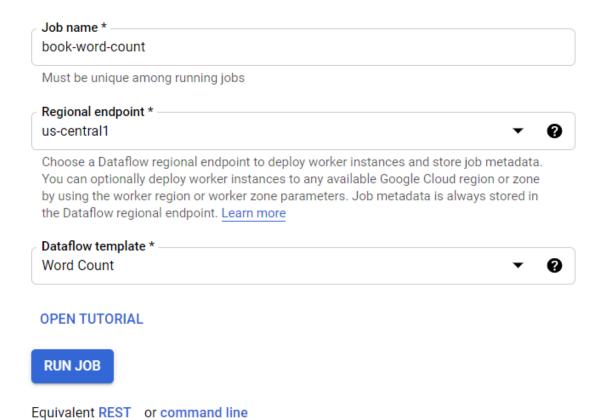
Step 2 create a bucket called "book" on gcp and move this txt file

Step 3 create a output folder and temp folder inside the bucket



Step 4 create a dataflow

I select word count template from dataflow



Step 5

I fill necessary things

Required parameters

Input file(s) in Cloud Storage * gs://gcp-book-count/republic.text

The input file pattern Dataflow reads from. Use the example file (gs://dataflow-samples/shakespeare/kinglear.txt) or enter the path to your own using the same format: gs://your-bucket/your-file.txt

Output Cloud Storage file prefix * gs://gcp-book-count/count

Path and filename prefix for writing output files. Ex: gs://your-bucket/counts

Temporary location * gs://gcp-book-count/temp

Path and filename prefix for writing temporary files. Ex: gs://your-bucket/temp

Encryption

Google-managed encryption key
No configuration required

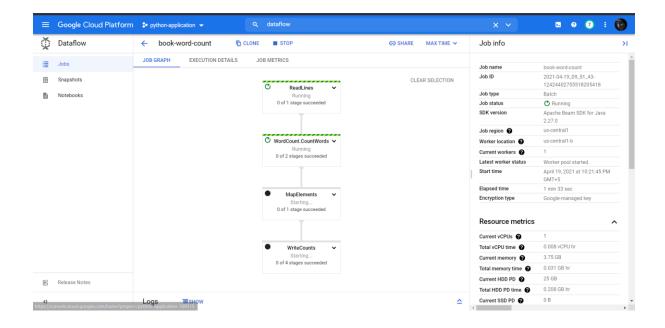
Customer-managed encryption key (CMEK)
Manage via Google Cloud Key Management Service

∨ SHOW OPTIONAL PARAMETERS

RUN JOB

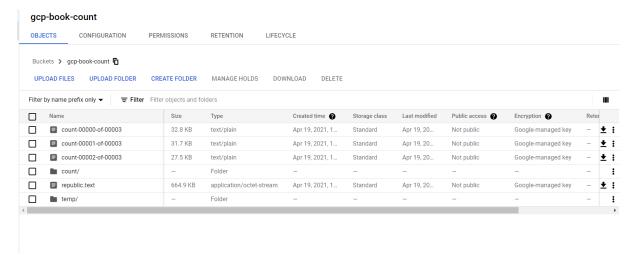
Step 6

Job ready



Step 7

Now I can see the outputs in my bucket



Step 8

Output is here and I will attach my output file also from this report