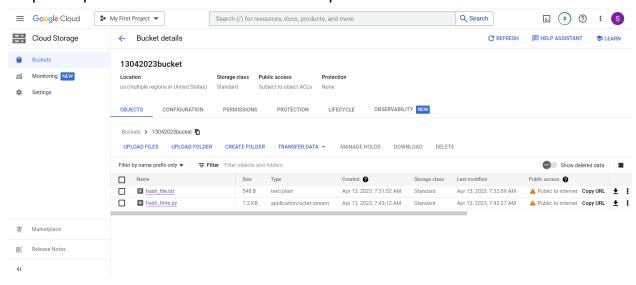
# Big Data Graded Assignment 3

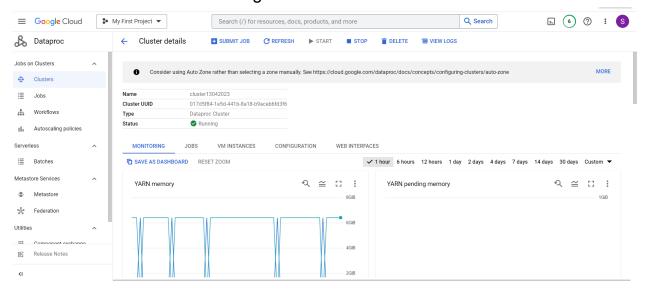
Step 1 : Upload all files under bucket with public access



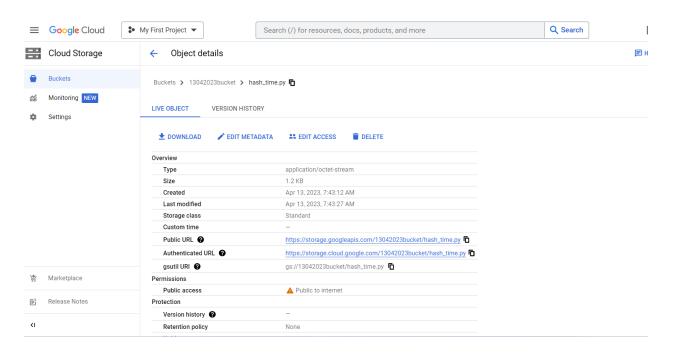
#### Python File

```
Big Data > GA3 > 🏺 hash_time.py >
   from pyspark.sql import SparkSession
   spark= SparkSession.builder.appName("Spark").getOrCreate()
   df = spark.read.text("gs://13042023bucket/hash_file.txt")
   rdd = df.rdd
   sep = rdd.map(lambda x : x[0].split("\t"))
   time = sep.map(lambda x:x[1])
   def hash_time_map(s):
       val=('X',1)
if s!='Time':
           final = int(s.replace(":",""))
               val=("00-06",1)
           elif final > 600 and final<=1200:
             val=("06-12",1)
           elif final > 1200 and final <=1800:
               val=("12-18",1)
               val=("18-24",1)
       return val
   collect_time = time.map(lambda x: hash_time_map(x))
   sorted_time = collect_time.filter(lambda x:x[0] != 'X').sortBy(lambda x: x[0])
   timezone= sorted_time.reduceByKey(lambda a,b: a+b)
   print(timezone.collect())
```

### Create a cluster which is running



## Get gsutil url from file



## Create & submit a job with correct output

