CloudStorage

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Here we check your buckets that are associated and available with your own personal account_credentials. You should see a bucket named "chest-xray-medical", if not please reach out to me!

```
gcs_auth(json_file="account_credentials.json")
gcs_list_buckets("image-analysis-detection")
```

```
##                       name storageClass                location
## 1       chest-xray-medical     STANDARD NORTHAMERICA-NORTHEAST1
## 2         chest-xray-tests     STANDARD                      US
## 3         chest-xray-train     STANDARD                      US
## 4    chest-xray-validation     STANDARD                      US
## 5 image-analysis-detection     STANDARD                      US
##               updated
## 1 2020-11-19 20:59:24
## 2 2020-11-13 21:17:58
## 3 2020-11-13 21:16:28
## 4 2020-11-13 21:19:01
## 5 2020-11-16 05:38:39
```

This reads all the files that are stored in the google cloud storage bucket that you want to work with as objects.

```
gcs_get_bucket("chest-xray-medical")
```

```
## ==Google Cloud Storage Bucket==
## Bucket:          chest-xray-medical
## Project Number:  1048020973776
## Location:        NORTHAMERICA-NORTHEAST1
## Class:           STANDARD
## Created:         2020-11-12 07:22:05
## Updated:         2020-11-19 20:59:24
## Meta-generation: 3
## eTag:            CAM=
```

```
gcs_global_bucket("chest-xray-medical")
```

```
## Set default bucket name to 'chest-xray-medical'
```

```
medical_objects <- gcs_list_objects() %>% mutate(id= row_number())
```

This is where we are going to actually copy all the images that are stored in the Google Cloud Storage Bucket into a space that can be used for this project.

```
gs_rsync(source="gs://chest-xray-medical", destination="images", recursive=TRUE )
```