Important Commands

**To set up GOOGLE\_APPLICATION\_CREDENTIALS**

*Linux - export GOOGLE\_APPLICATION\_CREDENTIALS="* */home/shrutijoshi/* *helpful-cat-324414-bbf5a431efb0.json"*

*Windows - set GOOGLE\_APPLICATION\_CREDENTIALS=C:\Documents\Learning\SVC\fabric-1333-29edd96ad1f1.json*

**To Configure service account with google cloud SDK**

*gcloud auth activate-service-account svc-rw@fabric-1333.iam.gserviceaccount.com --key-file=C:\Documents\Learning\SVC\fabric-1333-29edd96ad1f1.json --project=fabric-1333*

gcloud auth activate-service-account svc-dezyre-editor@helpful-cat-324414.iam.gserviceaccount.com --key-file=helpful-cat-324414-bbf5a431efb0.json --project=helpful-cat-324414

**To Copy data from Local to Cloud Bucket using SDK**

*gsutil cp local\_file\_path gs://gcs-dezyre-bucket10/data/*

*gsutil -m cp \*.json gs://gcs-dezyre-bucket10/data/*

**To create a topic using cloud sdk**

*gcloud pubsub topics create topic-1*

**To create a subscription**

*gcloud pubsub subscriptions create sample-sub --topic=topic-1*

**Publish messages using cli**

*gcloud pubsub topics publish topic-1 --message="test message"*

**Receiving messages using cli**

*gcloud pubsub subscriptions pull sample-sub--auto-ack*

**To publish messages to pubsub topic using script**

*python3.7 scripts/publish\_messages.py --config\_path=config/publish\_config.ini*

**To enable notifications on cloud bucket**

*-f = Format of notification message*

*-e = event type OBJECT\_FINALIZE for new files*

*-p = folder on which notifications need to be enabled*

*-t = topic where notification needs to be sent*

# To create notification  
gsutil notification create -f json -e OBJECT\_FINALIZE -p data/ -t projects/helpful-cat-324414/topics/notify gs://gcs-dezyre-bucket10  
  
# to list notification  
gsutil notification list gs://gcs-dezyre-bucket10  
  
#To delete notifications  
gsutil notification delete projects/\_/buckets/gcs-dezyre-bucket10/notificationConfigs/7

**To run subscriber python file**

*python3 subsciber.py --project\_id=helpful-cat-324414 --subscription\_id=sample-sub*