

## Configuramos el Proyecto

```
mkdir ~/video-intelligence
cd ~/video-intelligence
```

## configuramos las credenciales

```
export GOOGLE_APPLICATION_CREDENTIALS=~/video-intelligence/key.json
```

## Creamos la cuenta del Servicio

```
SERVICE_ACCOUNT_NAME="video-intelligence-codelab"
PROJECT_ID=$(gcloud config get-value core/project)
SERVICE_ACCOUNT="$SERVICE_ACCOUNT_NAME@$PROJECT_ID.iam.gserviceaccount.com"
```

```
gcloud iam service-accounts create $SERVICE_ACCOUNT_NAME
```

```
spideroriol@cloudshell:~/video-intelligence (my-project-91798-video-ai)$ SERVICE_ACCOUNT_NAME="video-intelligence-codelab"
spideroriol@cloudshell:~/video-intelligence (my-project-91798-video-ai)$ SERVICE_ACCOUNT_NAME="video-intelligence-codelab"
spideroriol@cloudshell:~/video-intelligence (my-project-91798-video-ai)$ PROJECT_ID=$(gcloud config get-value core/project)
Your active configuration is: [cloudshell:28425]
spideroriol@cloudshell:~/video-intelligence (my-project-91798-video-ai)$ SERVICE_ACCOUNT="$SERVICE_ACCOUNT_NAME@$PROJECT_ID.iam.gserviceaccount.com"
spideroriol@cloudshell:~/video-intelligence (my-project-91798-video-ai)$ gcloud iam service-accounts create $SERVICE_ACCOUNT_NAME
Created service account [video-intelligence-codelab].
spideroriol@cloudshell:~/video-intelligence (my-project-91798-video-ai)$
```

## Creamos y bajamos la llave

```
gcloud iam service-accounts keys create $GOOGLE_APPLICATION_CREDENTIALS \
--iam-account $SERVICE_ACCOUNT
```

## Verificamos

```
cat $GOOGLE_APPLICATION_CREDENTIALS
```

```
spideroriol@cloudshell:~/video-intelligence (my-project-91798-video-ai)$ gcloud iam service-accounts keys create $GOOGLE_APPLICATION_CREDENTIALS \
--iam-account $SERVICE_ACCOUNT
created key [a27097c886b3881e9149e9edf23be3c92fbdcc3e] of type [json] as [/home/spideroriol/video-intelligence/key.json] for [video-intelligence-codelab@my-project-91798-video-ai.iam.gserviceaccount.com]
spideroriol@cloudshell:~/video-intelligence (my-project-91798-video-ai)$ cat $GOOGLE_APPLICATION_CREDENTIALS
{
  "type": "service_account",
  "project_id": "my-project-91798-video-ai",
  "private_key_id": "a27097c886b3881e9149e9edf23be3c92fbdcc3e",
  "private_key": "-----BEGIN PRIVATE KEY-----\nMIIEvgIBADANBgkqhkiG9w0BAQEFAAQCAQAgEAAoIBAQE0E1IB2uo+v1mwNq6diYQvDrkmQCyy17jV1HK70wxtQ3vLs/mCXA0s0y3t8EnWZP+r166d6rfEol2Vnm1Wn7F89Z2nkpW787/Ej0z\nhNME64PSRK8tX1ho5P6zkgTAmArY2YrBVEY+IMnVnRwKR3M6Fqyb1WPXrd0485678/jIne0zGwXFBcuGFSD4PLQLktFuB7c4A+tj2jAF\nvnuCtgmM8whsZ8gDvSC+HV2AZD3b18sLzE2EbhFztBmnVEcks4Jnp6VDhJ4+94zABsVn8Y1nJFRHJKBPOBsttrWZxSYH\nWfANBYvWLLR5R5Me2DbsBwCvy3PjxjgdyZtEvnT1Hryd8FAgMBAAECggEASccycv8/RhSKQ4N3KjPvpgBYLLJxy5b6BwX1izg6rew+XVnCd3xYtwaqFkruC191jbZsHsFVe+ZZI8EqMNd97jso/8Kchom0Zud9sKsc3pxaR4nuYK/ELkahoFL+Rgq59XXUVb9CCYF\nMm1b425fRUXW3EC1/Yjj7hQ3Yl6IXnMVE8\nnwSH14o1VL5GH+dQ7L9NRJh25FEUSqF6ms6nVZ0ALm10arGqh4IKuWFK+K1IwmK\nnd0HKMhvidk3g1fCqLVkBL8q/B0RgAEWRMS1D6K36A6p6E/W/9fBjQvQ3gqQv8qj\n\nnv8pgtck88kjYrRmk4tVYZued/Nrd7F\n3tvDsr8KqBqQ0KaeE+2ZfueF7Hhguq\nnmkvwQJUIX1FGL4VmwYuzvyyGpCtWukOXj3S0Z1Vq19Sb0B11ieGhQMegR1\nvNBXR01ceU7jgZl+7uv57\nr0M8sWwLXunhPuvuColnS+dlH2Q18151tQxtCS135F2Rn\nvFQwheHhQeZG+c50VXBZzcQK8gQdnU\nCsYFWm79bYlZwXo1cnkqS6NsED3SgnRnQcRwX1/68E3d6ES58Yb/uRv9mV2F49vN/DO8MBdurco3E3v7AgHNSHSDXcyP\n\nPzpd4fM6N7Rxx3AYmS344rBqnIgtkDP+2312152AwG/Zn8/ZU186tgBavR4vtY\n\nngq0fN+22mmK8gqCv3R3NknfF81/OMU11+rGcf\nq37mbYaDwgB8NhyY+p1ZXNzWY2w\n\nn8Sx2vmzdNu7+dj5tpmQqAwkfsX1BRXsH/OPypGy1KRCNJlqR4yprT\n\nwC6v83NV11ndqCUXK6d94RLX2WfBZUS\n\nx9nUkceFEBRpdRADG6Neo21ZZXm1naT1fsl\n\ntQK8gQDw\n\nn4NYHE37z0QfogMv7ZmBUBMQHn/dk08+5ukg0T6E\n4qw86EGox+NBko/Qq01qbo88\n\nvnx4Lpt9RYC6Z12qPdInoteqVms1WHPXf1gbq1T\n\nm0td9qVKKvottVnK8YwB511pm1\n\nvWqgcrcx6EVGnRJMvo4VbNHukkyZh2Hcyxg3KW3Yw1wK8gEHeayT\n\nM5NNw1TFoxwZ5\n\nVnkDtTGLE3fx+SuDFu1F1cS3J1ncWZJ27+3enOPbcECV5\nq0052WnshwHf61WcZpQ\n\nnn43WPHsJR8RT/NCbvcTnxqB949128MOLqQPChTarBag9Rfunt5GT0Rmx2+NTI2\n\nvNvY6KQVrwhdbnWd14LF86fE\n\nN-----END PRIVATE KEY-----\n",
  "client_email": "video-intelligence-codelab@my-project-91798-video-ai.iam.gserviceaccount.com",
  "client_id": "10410286013813231127",
  "auth_uri": "https://accounts.google.com/o/oauth2/auth",
  "token_uri": "https://oauth2.googleapis.com/token",
  "auth_provider_x509_cert_url": "https://www.googleapis.com/oauth2/v1/certs",
  "client_x509_cert_url": "https://www.googleapis.com/robot/v1/metadata/x509/video-intelligence-codelab%40my-project-91798-video-ai.iam.gserviceaccount.com"
}
```