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Task:translate lab into 100% command line
project Title:Deplying jobs on GKE cluster
```

Define and deploy a Job manifest
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1. Create a Google Kubernetes Engine cluster, in the cloiud shell
=========>export my_zone=us-central1-a
=========>export my_cluster=standard-cluster-1

2. Configure kubectl tab completion in Cloud Shell.
=========>source <(kubectl completion bash)

3. create a Kubernetes cluster.
=========>gcloud container clusters create $my_cluster --num-nodes 3 --enable-ip-alias --zone $my_zone
4. configure access to your cluster for the kubectl command-line tool, using the following command:
=========>gcloud container clusters get-credentials $my_cluster --zone $my_zone

5. clone the repository to the lab Cloud Shell.
git clone https://github.com/GoogleCloudPlatformTraining/training-data-analyst

6. Change to the directory that contains the sample files for this lab.
cd ~/training-data-analyst/courses/ak8s/07_Jobs_CronJobs

Create and run a Job

To create a Job from this file, execute the following command:
=========>kubectl apply -f example-job.yaml

To check the status of this Job, execute the following command:
=========>kubectl describe job example-job

o view all Pod resources in your cluster, including Pods created by the Job which have completed, execute the following command:
=========>kubectl get pods

Clean up and delete the Job

```yaml
apiVersion: batch/v1beta1
kind: CronJob
metadata:
  name: hello
spec:
  schedule: "*/1 * * * *"
  jobTemplate:
    spec:
      template:
        spec:
          containers:
          - name: hello
            image: busybox
            args:
            - /bin/sh
            - -c
            - date; echo "Hello, World!"
```

```
          restartPolicy: OnFailure
```

To delete all these jobs, execute the following command:
=========>kubectl delete cronjob hello

To verify that the jobs were deleted, execute the following command:
=========>kubectl get jobs.