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Assignment-1
Section: BS-CS 7A

1. Create a Kubernetes Cron Job:

```
apiVersion: batch/v1beta1
kind: CronJob
metadata:
  name: data-processing-cronjob
spec:
  schedule: "*/15 * * * *" # Cron expression for every 15 minutes
  jobTemplate:
    spec:
      template:
        spec:
          containers:
            - name: data-processor
              image: your-data-processor-image:tag
              # Add any necessary environment variables, volume mounts, etc.
          restartPolicy: OnFailure
```

2. Apply the Configuration:

```
kubectl apply -f data-processing-cronjob.yaml
```

3. Verify the Cron Job:

```
kubectl get cronjobs
kubectl get jobs
kubectl logs <pod-name>
```