Task5

February 6, 2021

1 Monitoring and Visualization

Let's first get the Helm.

```
curl -fsSL -o get_helm.sh https://raw.githubusercontent.com/helm/helm/master/scripts/get-helm-
```

Change the permissions

```
chmod 700 get_helm.sh
```

run the shell script

```
./get_helm.sh
```

1.0.1 Adding Stable Repo

Let's add stable helm chart repo

```
helm repo add stable https://charts.helm.sh/stable
```

1.0.2 Updating Repo

Let's update the repo

```
helm repo update
```

1.0.3 Installing Prometheus

Let's install Prometheus, which will help us by scrapping metrics data from our cluster.

```
helm repo add prometheus-community https://prometheus-community.github.io/helm-charts

helm repo update

helm install prometheus prometheus-community/kube-prometheus-stack

kubectl get deployment

username = admin
password = prom-operator
```

1.0.4   Minikube Docker Daemon

Let's use Minikube's docker daemon

```
eval $(minikube -p minikube docker-env)
```

1.0.5   Container Check

```
docker ps
```

1.0.6   Dashboard Check

```
minikube dashboard
```