**Setting up Prometheus and Grafana using Helm chart**

Install helm chart

**$** curl -fsSL -o get\_helm.sh https://raw.githubusercontent.com/helm/helm/main/scripts/get-helm-3

**$** chmod 700 get\_helm.sh

**$** ./get\_helm.sh

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

helm repo update

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

kubectl get all

kubectl get service

kubectl expose service kube-prometheus-stack-prometheus --type=NodePort --target-port=9090 --name=prometheus-node-port-service

kubectl expose service kube-prometheus-stack-grafana --type=NodePort --target-port=3000 --name=grafana-node-port-service

kubectl get secret --namespace default kube-prometheus-stack-grafana -o jsonpath="{.data.admin-password}" | base64 --decode ; echo

Dashboard details

https://grafana.com/grafana/dashboards/?search=kubernetes+pods