<https://itnext.io/k8s-monitor-pod-cpu-and-memory-usage-with-prometheus-28eec6d84729>

<https://dev.to/kaitoii11/deploy-prometheus-monitoring-stack-to-kubernetes-with-a-single-helm-chart-2fbd>

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

helm repo update

kubectl create ns prom

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

kubectl get all -n prom

kubectl port-forward -n prom prometheus-prom-kube-prometheus-stack-prometheus-0 9090

kubectl port-forward -n prom prom-grafana-6c578f9954-rjdmk 3000

default user/password is admin/prom-operator

helm uninstall prom -n prom

Now you have to create a Prometheus data source:

* Click on the Grafana logo to open the sidebar.
* Click on “Data Sources” in the sidebar.
* Choose “Add New”.
* Select “Prometheus” as the data source.
* Set the Prometheus server URL (in our case:<http://localhost:9090/)>
* Click “Add” to test the connection and to save the new data source.

Import following dashboard for the kubernetes metrics:

<https://grafana.com/grafana/dashboards/11663>

Prometheus Alertmanager Plugin in Grafana

[*grafana.com/dashboards/8010*](https://grafana.com/dashboards/8010)

Good article for prometheus:

<https://phoenixnap.com/kb/prometheus-kubernetes-monitoring>

Installing Alert Manager with email & slack:

<https://medium.com/devops-dudes/prometheus-alerting-with-alertmanager-e1bbba8e6a8e>

https://sysdig.com/blog/kubernetes-monitoring-prometheus/



