

Lab 5

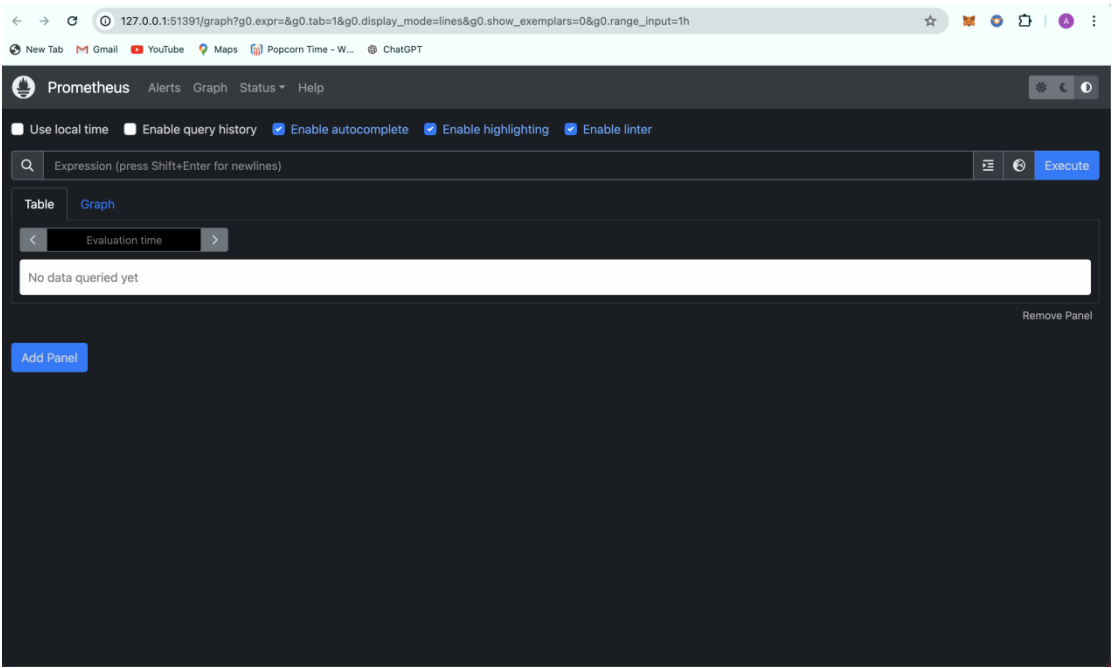
```
ihcJshN#tqkHnkyuQdWv86yieFEzkiHf8laQNLu
● akshatsrivastava@Akshats-Air Lab5 % kubectl get svc

minikube ip
NAME                                TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)        AGE
ethereum-loadbalancer              LoadBalancer 10.103.77.91   <pending>      80:31980/TCP    23h
ethereum-servicel                  LoadBalancer 10.103.38.5    <pending>      38303/TCP       10h
frontend-servicel                  LoadBalancer 10.98.246.230  <pending>      80:32667/TCP    10h
grafana                             ClusterIP     10.108.100.45  <none>         80/TCP          7h2m
grafana-ext                         NodePort      10.105.19.136  <none>         80:31023/TCP    7h2m
kubernetes                         ClusterIP     10.96.0.1       <none>         443/TCP         25h
mongo-express-service              LoadBalancer 10.99.160.56   <pending>      8081:30873/TCP  25h
mongodb-service                    ClusterIP     10.98.47.179   <none>         27017/TCP       25h
note-server-service                ClusterIP     10.105.194.181 <none>         5000/TCP        25h
note-service                       LoadBalancer 10.110.242.116 <pending>      3000:31720/TCP  25h
prometheus-alertmanager            ClusterIP     10.103.215.221 <none>         9093/TCP        7h3m
prometheus-alertmanager-headless   ClusterIP     None            <none>         9093/TCP        7h3m
prometheus-kube-state-metrics      ClusterIP     10.104.180.92  <none>         8080/TCP        7h3m
prometheus-prometheus-node-exporter ClusterIP     10.105.17.45   <none>         9100/TCP        7h3m
prometheus-prometheus-pushgateway  ClusterIP     10.106.222.58  <none>         9091/TCP        7h3m
prometheus-server                   ClusterIP     10.110.195.10  <none>         80/TCP          7h3m
prometheus-server-ext              NodePort      10.109.189.175 <none>         80:31999/TCP    7h3m
● akshatsrivastava@Akshats-Air Lab5 % minikube ip
```

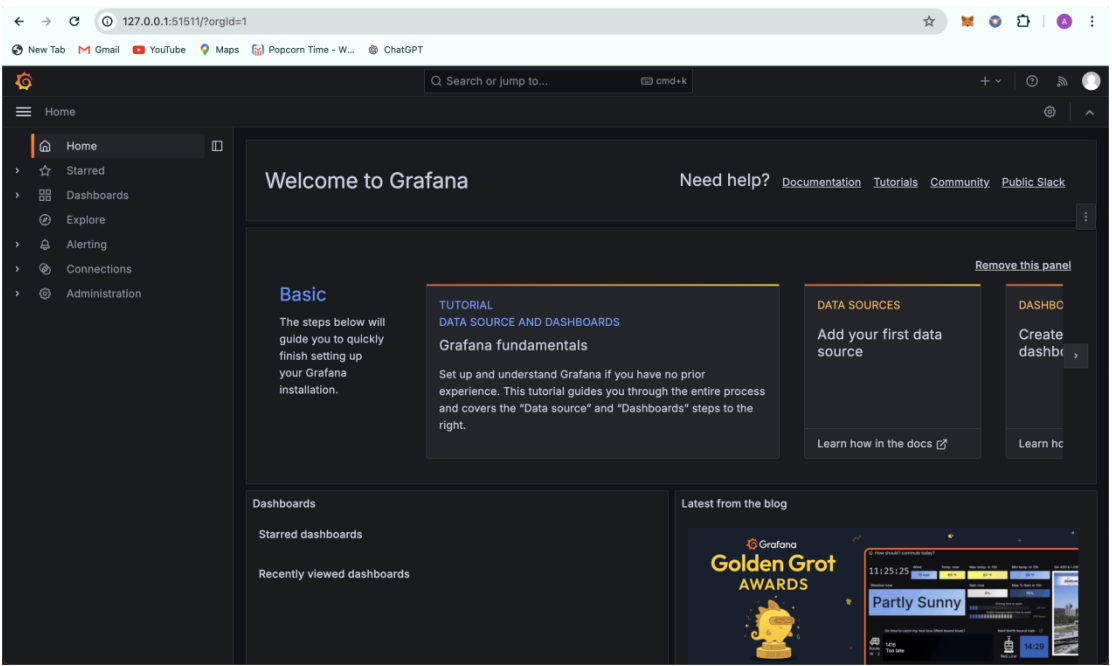
```
PROBLEMS  OUTPUT  TERMINAL
● akshatsrivastava@Akshats-Air Lab5 % brew install helm
==> Downloading https://formulae.brew.sh/api/formula.jws.json
##### 100.0%
==> Downloading https://formulae.brew.sh/api/cask.jws.json
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/helm/manifests/3.15.1
##### 100.0%
==> Fetching helm
==> Downloading https://ghcr.io/v2/homebrew/core/helm/blobs/sha256:0318af42bdf6d78b24cea99b8cde02ae627d9d55985d6f0598
##### 100.0%
==> Pouring helm--3.15.1.arm64_sonoma.bottle.tar.gz
==> Caveats
zsh completions have been installed to:
/opt/homebrew/share/zsh/site-functions
==> Summary
📦 /opt/homebrew/Cellar/helm/3.15.1: 66 files, 50.3MB
==> Running 'brew cleanup helm'...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see 'man brew').
● akshatsrivastava@Akshats-Air Lab5 % helm repo add prometheus-community https://prometheus-community.github.io/helm-charts
"prometheus-community" already exists with the same configuration, skipping
● akshatsrivastava@Akshats-Air Lab5 % helm repo update
Hang tight while we grab the latest from your chart repositories...
...Successfully got an update from the "grafana" chart repository
...Successfully got an update from the "prometheus-community" chart repository
Update Complete. ✨Happy Helming!✨
● akshatsrivastava@Akshats-Air Lab5 % helm install prometheus prometheus-community/prometheus
Error: INSTALLATION FAILED: cannot re-use a name that is still in use
● akshatsrivastava@Akshats-Air Lab5 % kubectl expose service prometheus-server --type=NodePort --target-port=9090 --name=prometheus-server-ext
Error from server (AlreadyExists): services "prometheus-server-ext" already exists
● akshatsrivastava@Akshats-Air Lab5 % helm repo add grafana https://grafana.github.io/helm-charts
helm repo update
helm install grafana grafana/grafana
"grafana" already exists with the same configuration, skipping
Hang tight while we grab the latest from your chart repositories...
...Successfully got an update from the "grafana" chart repository
...Successfully got an update from the "prometheus-community" chart repository
Update Complete. ✨Happy Helming!✨
Error: INSTALLATION FAILED: cannot re-use a name that is still in use
● akshatsrivastava@Akshats-Air Lab5 % kubectl get secret --namespace default grafana -o jsonpath="{.data.admin-password}" | base64 --decode ; echo
```

```
● akshatsrivastava@Akshats-Air Lab5 % minikube ip
! Executing "docker container inspect minikube --format={{.State.Status}}" took an unusually long time: 1m33.98320525s
💡 Restarting the docker service may improve performance.
192.168.49.2
```

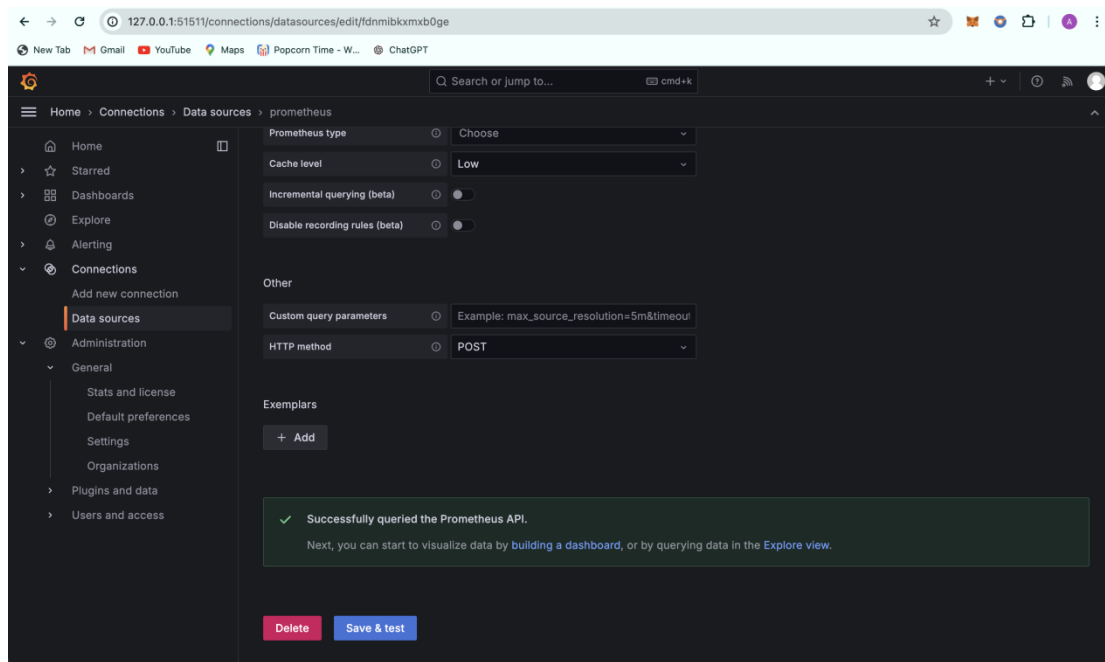
Prometheus Dashboard



Grafana Dashboard



Added prometheus to grafana



Dashboard

