1) kubectl run superset --image=amancevice/superset
2) kubectl expose pod superset --port=8088 --type=NodePort
3) YML script

```yaml
apiVersion: v1
kind: Pod
metadata:
  labels:
    run: superset
  name: superset
spec:
  containers:
  - image: amancevice/superset
    name: superset
---
apiVersion: v1
kind: Service
metadata:
  labels:
    run: superset
  name: superset
spec:
  ports:
  - nodePort: 31596
    port: 8088
    protocol: TCP
    targetPort: 8088
  selector:
    run: superset
  type: NodePort
```
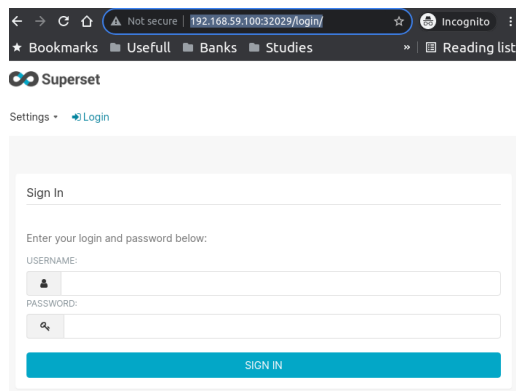

4) kubectl run airflow --image=puckel/docker-airflow
   kubectl expose pod airflow --port=8080 --type=NodePort
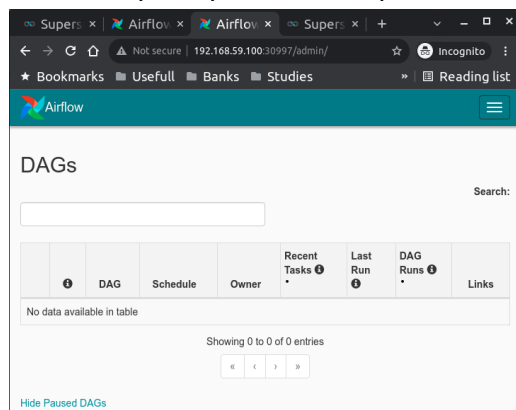
Bonus
airflow.yml

```yaml
apiVersion: apps/v1
kind: Deployment
metadata:
  creationTimestamp: null
  labels:
    app: airflow
  name: airflow
spec:
  replicas: 1
  selector:
    matchLabels:
      app: airflow
  strategy: {}
  template:
    metadata:
      creationTimestamp: null
      labels:
        app: airflow
    spec:
      containers:
      - image: puckel/docker-airflow
        name: airflow
        env:
          - name: AIRFLOW__CORE__SQL_ALCHEMY_CONN
            value: "postgresql+psycopg2://admin:admin@postgress-airflow-deployment-svc:5432/airflow"
          - name: LOAD_EX
            value: "y"
        resources:
          requests:
            cpu: 100m
            memory: 100Mi
        ports:
          - containerPort: 8080
---
apiVersion: v1
kind: Service
metadata:
  name: airflow-svc
  labels:
    app: airflow
spec:
  type: NodePort
  ports:
  - port: 8080
  selector:
    app: airflow
```

postgress-airflow-deployment.yml

```yaml
apiVersion: apps/v1
kind: Deployment
metadata:
  creationTimestamp: null
  labels:
    app: postgress-airflow-deployment
  name: postgress-airflow-deployment
spec:
  replicas: 1
  selector:
    matchLabels:
      app: postgress-airflow-deployment
  template:
    metadata:
      labels:
        app: postgress-airflow-deployment
    spec:
      containers:
      - image: postgres
        name: postgres
        env:
          - name: POSTGRES_DB
            valueFrom:
              secretKeyRef:
                name: postgress-secret
                key: PGDATABASE
          - name: POSTGRES_PASSWORD
            valueFrom:
              secretKeyRef:
                name: postgress-secret
                key: PGPASSWORD
          - name: POSTGRES_USER
            valueFrom:
              secretKeyRef:
                name: postgress-secret
                key: PGUSER
        resources:
          requests:
            cpu: 100m
            memory: 100Mi
        ports:
        - containerPort: 5432
---
apiVersion: v1
kind: Service
metadata:
  name: postgress-airflow-deployment-svc
  labels:
    app: postgress-airflow-deployment
spec:
  ports:
    - port: 5432
  selector:
    app: postgress-airflow-deployment
```

Airflow ☰

DAGs

Search:

	❶	DAG	Schedule	Owner	Recent Tasks ❶
☑	Off	example_bash_operator	0 0 * * *	Airflow	⬭⬭⬭⬭⬭
☑	Off	example_branch_dop_operator_v3	*/1 * * * *	Airflow	⬭⬭⬭⬭⬭
☑	Off	example_branch_operator	@daily	Airflow	⬭⬭⬭⬭⬭
☑	Off	example_complex	None	airflow	⬭⬭⬭⬭⬭
☑	Off	example_external_task_marker_child	None	airflow	⬭⬭⬭⬭⬭
☑	Off	example_external_task_marker_parent	None	airflow	⬭⬭⬭⬭⬭
☑	Off	example_http_operator	1 day, 0:00:00	Airflow	⬭⬭⬭⬭⬭
☑	Off	example_passing_params_via_test_command	*/1 * * * *	airflow	⬭⬭⬭⬭⬭
☑	Off	example_pig_operator	None	Airflow	⬭⬭⬭⬭⬭
☑	Off	example_python_operator	None	Airflow	⬭⬭⬭⬭⬭