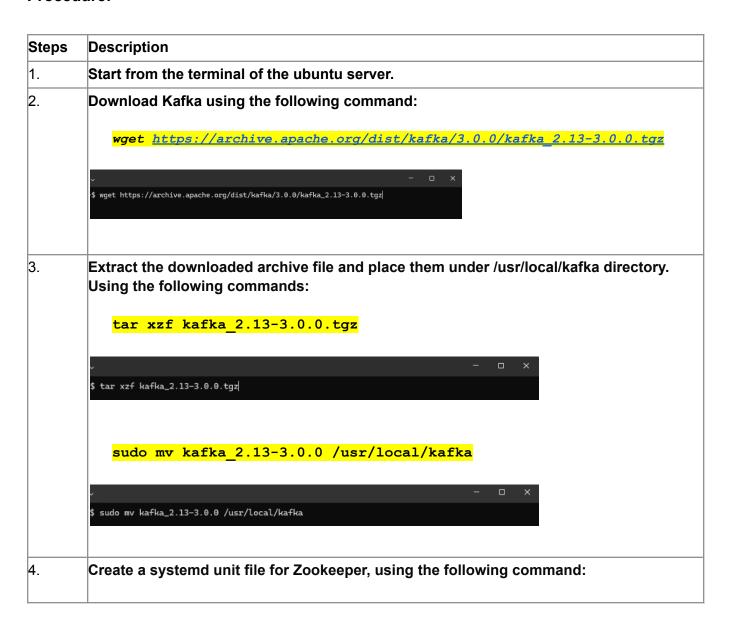
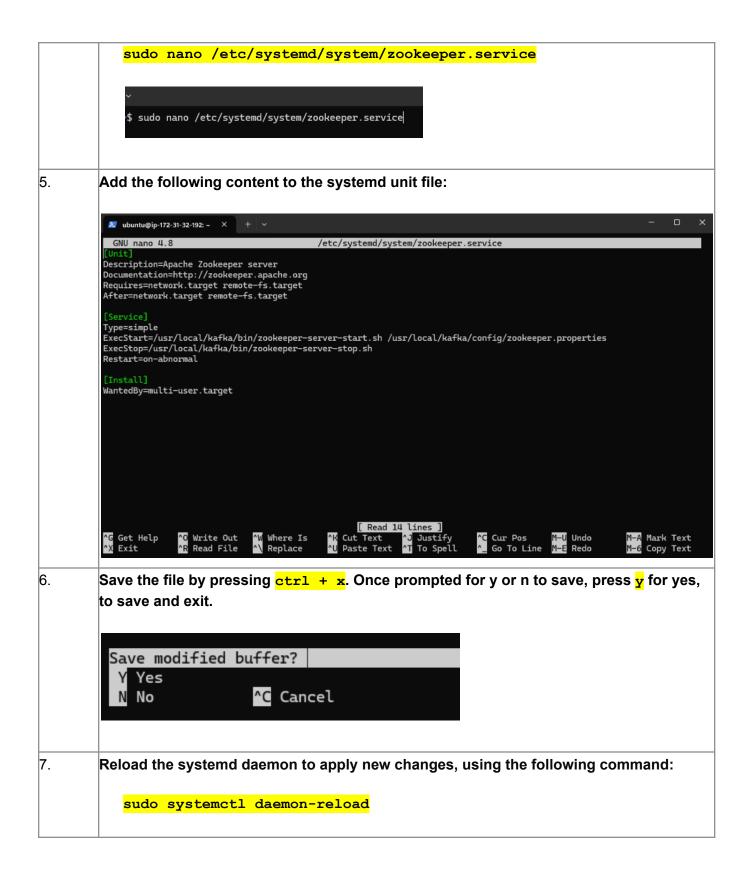
Kafka Workflow: Installing Kafka on Ubuntu 22.04

The purpose of this Standard Operating Procedure (SOP) is to provide: a step by step procedure to install Kafka on our Kubeflow cluster. Kafka will be used to stream data to our models continuously.

Procedure:





~\$ sudo systemctl daemon-reload This will reload all the systemd files in the system environment. 8. Use the systemctl commands to start a single-node ZooKeeper instance: sudo systemctl start zookeeper sudo systemctl start kafka \$ sudo systemctl start zookeeper sudo systemctl start kafka 9. Verify both of the services status, using the following commands: sudo systemctl status zookeeper ~\$ sudo systemctl status zookeeper sudo systemctl status kafka ~\$ sudo systemctl status kafka 10. Check that the kafka platform has been installed by running the Is command: ocuments base) ubuntu@ip-172-31-32-192:~\$| 11. Install a broker : cd /opt/kafka mkdir -p broker1 broker2 broker3 cp -r config broker1/config

Edit the server.properties file: nano /opt/kafka/broker1/config/server.properties

Modify properties:

broker.id=1 listeners=PLAINTEXT://:9092 log.dirs=/opt/kafka/broker1/logs zookeeper.connect=localhost:2181