

Environment Setup

Installing Dremio in ubuntu

- ⇒ <https://docs.docker.com/engine/install/ubuntu/> #install docker
- ⇒ `docker pull dremio/dremio-oss` #Docker Pull Command
- ⇒ `docker run -d -p 9047:9047 -p 31010:31010 -p 45678:45678 dremio/dremio-oss --name=dremio`
To run single node dremio in background

Installing mongodb in ubuntu

Import the public key used by the package management system and create a list file for MongoDB

- ⇒ `wget -qO - https://www.mongodb.org/static/pgp/server-4.4.asc | sudo apt-key add -`
- ⇒ `echo "deb [arch=amd64,arm64] https://repo.mongodb.org/apt/ubuntu focal/mongodb-org/4.4 multiverse" | sudo tee /etc/apt/sources.list.d/mongodb-org-4.4.list`

Install the MongoDB packages

- ⇒ `sudo apt-get update`
- ⇒ `sudo apt-get install -y mongodb-org`

Start MongoDB

- ⇒ `sudo systemctl start mongod`

Setting MongoDB for remote connection

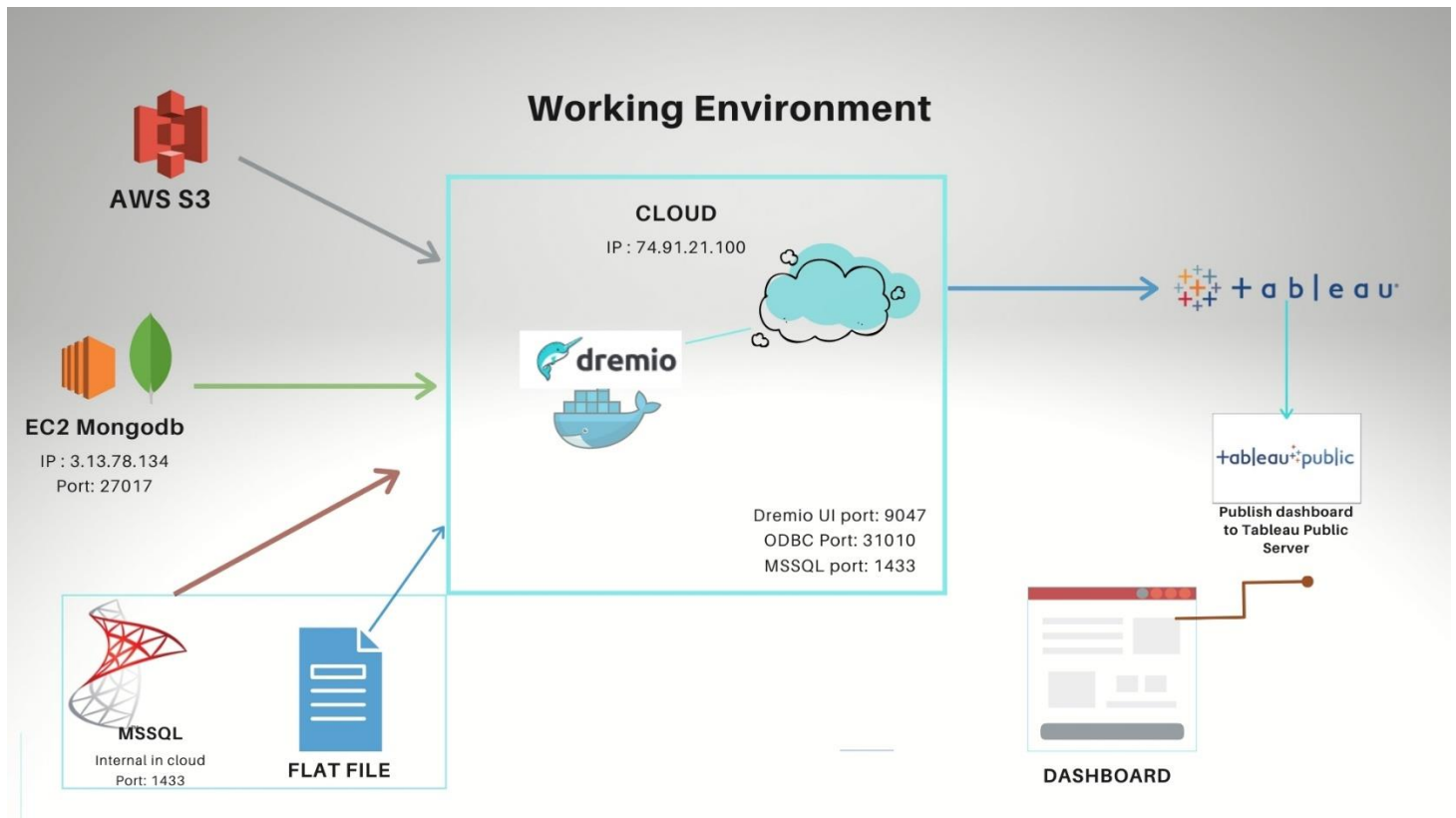
- ⇒ `sudo nano /etc/mongod.conf`
- ⇒ In this file add the following lines:

```
security:
  authorization: 'enabled'
# network interfaces
net:
  port: 27017
  bindIp: 0.0.0.0 #default value is 127.0.0.1
```

Start Mongo terminal and configure database and users

Installing MSSQL server

- ⇒ <https://docs.microsoft.com/en-us/sql/linux/quickstart-install-connect-ubuntu>



Web app requirements

- ⇒ asgiref==3.3.1
- ⇒ Django==3.1.4
- ⇒ joblib==1.0.0
- ⇒ numpy==1.19.4
- ⇒ pytz==2020.4
- ⇒ scikit-learn==0.23.2
- ⇒ scipy==1.5.4
- ⇒ sqlparse==0.4.1
- ⇒ threadpoolctl==2.1.0
- ⇒ xgboost==1.3.0.post0