Set up Superset on Docker Container

Step 1 clone the Github Repository

Run command : - git clone
https://github.com/apache/superset.git

```
himanshu@123:~/Downloads$ git clone https://github.com/apache/superset.git
Cloning into 'superset'...
remote: Enumerating objects: 242868, done.
remote: Counting objects: 100% (12146/12146), done.
remote: Compressing objects: 100% (639/639), done.
remote: Total 242868 (delta 11805), reused 11598 (delta 11505), pack-reused 230722
Receiving objects: 100% (242868/242868), 530.40 MiB | 6.09 MiB/s, done.
Resolving deltas: 100% (181101/181101), done.
Updating files: 100% (5524/5524), done.
```

Step 2 change directory

Run command : - cd superset

```
himanshu@123:~/Downloads/superset$ ls
CHANGELOG.md         docker-compose-non-dev.yml  docs         lintconf.yaml  pytest.ini   RESOURCES  superset              superset-websocket
CODE_OF_CONDUCT.md   docker-compose.yml          helm         Makefile       README.md    scripts    superset-embedded-sdk tests
CONTRIBUTING.md      Dockerfile                  INSTALL.md   MANIFEST.in    RELEASING    setup.cfg  superset-frontend     tox.ini
docker               dockerize.Dockerfile        LICENSE.txt  NOTICE         requirements setup.py   superset_text.yml     UPDATING.md
himanshu@123:~/Downloads/superset$ sudo docker-compose -f docker-compose-non-dev.yml up
```

Step 3 Build image

Run command :- docker-compose -f
docker-compose-non-dev.yml up

```
himanshu@123:~/Downloads/superset$ sudo docker-compose -f docker-compose-non-dev.yml up
Creating volume "superset_superset_home" with default driver
Creating volume "superset_db_home" with default driver
Pulling redis (redis:7)...
7: Pulling from library/redis
1f7ce2fa46ab: Pull complete
4827e9d1e197: Pull complete
5845062cfda9: Pull complete
44d659adcf8b: Pull complete
b6962d83313d: Pull complete
5d29cf86ecab: Pull complete
4f4fb700ef54: Pull complete
3a2d9f90268c: Pull complete
Digest: sha256:396b0f027ba2f33bf385771a621b58c1fd834fd2c522c35c98fd24fc17863c2f
Status: Downloaded newer image for redis:7
Pulling db (postgres:15)...
15: Pulling from library/postgres
1f7ce2fa46ab: Already exists
9576f7629775: Pull complete
30655987a437: Pull complete
dea99268fe33: Pull complete
3bbfac6ba51f: Pull complete
e797e6a53a63: Pull complete
19e54d4f4a6c: Pull complete
ae10e0b63201: Pull complete
3eb0cb30d619: Pull complete
313add79a9a1: Pull complete
43025ad23358: Pull complete
475eb3b9678e: Pull complete
01e3503978ac: Pull complete
1a7db5aa4b09: Pull complete
Digest: sha256:450fae6f2da9f779008780eb834e05d1d677929306fdc1cce0820893634bdf16
Status: Downloaded newer image for postgres:15
```

```
superset_worker_beat     | [2023-12-15 02:08:00,048: INFO/MainProcess] Scheduler: Sending due task reports.scheduler (reports.scheduler)
superset_worker          | [2023-12-15 02:08:00,052: INFO/MainProcess] Task reports.scheduler[e4111921-4a64-4450-ac77-af1a6b8cf269] received
superset_worker          | [2023-12-15 02:08:00,080: INFO/ForkPoolWorker-1] Task reports.scheduler[e4111921-4a64-4450-ac77-af1a6b8cf269] succeeded in 0.0
2728548300001421s: None
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:08:26 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:08:56 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
db_1                     | 2023-12-15 02:08:57.964 UTC [66] LOG:  checkpoint starting: time
superset_worker_beat     | [2023-12-15 02:09:00,000: INFO/MainProcess] Scheduler: Sending due task reports.scheduler (reports.scheduler)
superset_worker          | [2023-12-15 02:09:00,004: INFO/MainProcess] Task reports.scheduler[383ed2ed-a1ff-4ac9-85bd-ac40a5adb067] received
superset_worker          | [2023-12-15 02:09:00,033: INFO/ForkPoolWorker-1] Task reports.scheduler[383ed2ed-a1ff-4ac9-85bd-ac40a5adb067] succeeded in 0.0
27054186999976082s: None
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:09:26 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:09:56 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
superset_worker_beat     | [2023-12-15 02:10:00,000: INFO/MainProcess] Scheduler: Sending due task reports.scheduler (reports.scheduler)
superset_worker          | [2023-12-15 02:10:00,005: INFO/MainProcess] Task reports.scheduler[4e09592f-bddf-47b3-b089-0dcfe642c23d] received
superset_worker          | [2023-12-15 02:10:00,032: INFO/ForkPoolWorker-1] Task reports.scheduler[4e09592f-bddf-47b3-b089-0dcfe642c23d] succeeded in 0.0
25834069999746134s: None
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:10:26 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
superset_cache           | 1:M 15 Dec 2023 02:10:32.371 * 100 changes in 300 seconds. Saving...
superset_cache           | 1:M 15 Dec 2023 02:10:32.371 * Background saving started by pid 20
superset_cache           | 20:C 15 Dec 2023 02:10:32.380 * DB saved on disk
superset_cache           | 20:C 15 Dec 2023 02:10:32.381 * Fork CoW for RDB: current 0 MB, peak 0 MB, average 0 MB
superset_cache           | 1:M 15 Dec 2023 02:10:32.472 * Background saving terminated with success
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:10:57 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
superset_worker_beat     | [2023-12-15 02:11:00,048: INFO/MainProcess] Scheduler: Sending due task reports.scheduler (reports.scheduler)
superset_worker          | [2023-12-15 02:11:00,052: INFO/MainProcess] Task reports.scheduler[6a11cb49-e441-42ac-a4b8-5d06b9a1eede] received
superset_worker          | [2023-12-15 02:11:00,079: INFO/ForkPoolWorker-1] Task reports.scheduler[6a11cb49-e441-42ac-a4b8-5d06b9a1eede] succeeded in 0.0
2573940100000982s: None
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:11:27 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:11:57 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
superset_worker_beat     | [2023-12-15 02:12:00,038: INFO/MainProcess] Scheduler: Sending due task reports.scheduler (reports.scheduler)
superset_worker          | [2023-12-15 02:12:00,042: INFO/MainProcess] Task reports.scheduler[4e7cc03b-aa7e-40a0-8daa-3f584c4729ba] received
superset_worker          | [2023-12-15 02:12:00,069: INFO/ForkPoolWorker-1] Task reports.scheduler[4e7cc03b-aa7e-40a0-8daa-3f584c4729ba] succeeded in 0.0
262600289997863s: None
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:12:27 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
superset_app             | 127.0.0.1 - - [15/Dec/2023:02:12:57 +0000] "GET /health HTTP/1.1" 200 2 "-" "curl/7.88.1"
superset_worker_beat     | [2023-12-15 02:13:00,048: INFO/MainProcess] Scheduler: Sending due task reports.scheduler (reports.scheduler)
superset_worker          | [2023-12-15 02:13:00,052: INFO/MainProcess] Task reports.scheduler[f22cea2f-41e4-4928-889f-6434c396f3a6] received
```

Step 4 check container

Run command :- docker ps

```
himanshu@123:~/Downloads/superset$ sudo docker ps
CONTAINER ID   IMAGE                                                  COMMAND                  CREATED          STATUS                    PORTS
                                              NAMES
a37d8322708e   apachesuperset.docker.scarf.sh/apache/superset:latest-dev   "/app/docker/docker-…"   29 minutes ago   Up 11 minutes             8088/tcp
                                              superset_worker_beat
f71c7dba5ce2   apachesuperset.docker.scarf.sh/apache/superset:latest-dev   "/app/docker/docker-…"   29 minutes ago   Up 11 minutes (healthy)   8088/tcp
                                              superset_worker
af3ec732682d   apachesuperset.docker.scarf.sh/apache/superset:latest-dev   "/app/docker/docker-…"   29 minutes ago   Up 11 minutes (healthy)   0.0.0.0:8
088->8088/tcp, :::8088->8088/tcp   superset_app
e2a93262be04   postgres:15                                            "docker-entrypoint.s…"   29 minutes ago   Up 11 minutes             5432/tcp
                                              superset_db
531cc1d9cbea   redis:7                                                "docker-entrypoint.s…"   29 minutes ago   Up 11 minutes             6379/tcp
                                              superset_cache
```
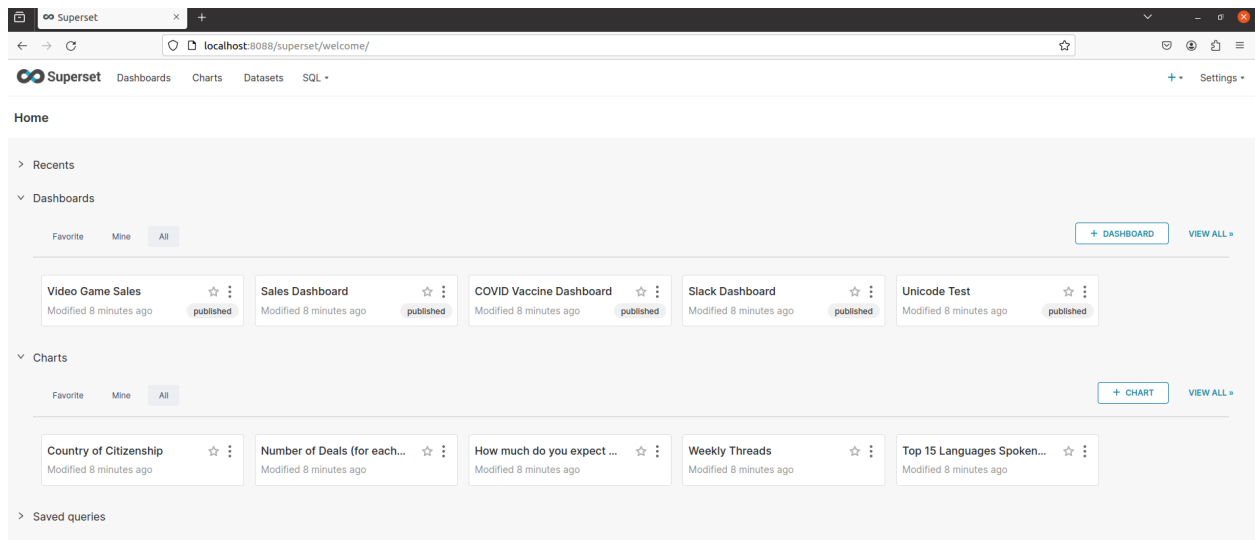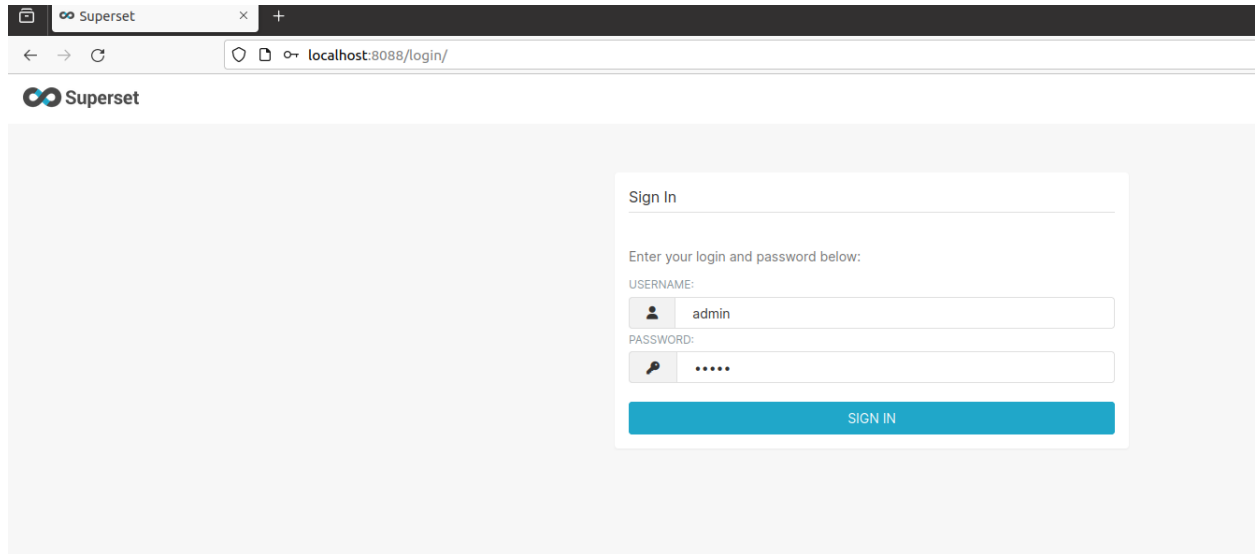
Step 5 show localhost
User name :- admin
Password :- admin

Reference Link :-

https://blog.matrixpost.net/set-up-apache-superset-on-ubuntu-using-docker-compose/