Welcome to the Umami + Superset Stack

Usage instructions:

Launch the product via 1-click from AWS Marketplace. **Wait** until the instance status changes to 'Running' and passes all health checks. Then, connect to your instance using your Amazon private key and the '**ubuntu**' user."

To update software, use: **sudo apt update && sudo apt upgrade -y**

Superset Setup: Change directories and follow instructions:

cd ~/analytics-stack/superset

sudo docker pull apache/superset:latest

Start Containers:

sudo docker compose up -d

Create Your Admin User:

sudo docker exec -it superset_app superset fab create-admin

- You'll be prompted to enter:
  - A username
  - Email address
  - Password
- This creates your admin login for the Superset web interface.

Initialize the Application, still inside the container, run:

sudo docker exec -it superset_app bash

superset db upgrade

superset init

exit

(Note: be sure to turn off any anti-virus if you have browser issues)

In a web browser, access Superset GUI. Use credentials you just created

http://your_instance_public_ip:8088

Umami Setup: Change directories, run:

cd ~/analytics-stack/umami

Your Umami installation will create an admin account and username, to view instructions, run

sudo nano .env

Exit & Save

Then:

sudo docker compose up -d

In a web browser, access Umami GUI:

http://your_instance_public_ip:3000

AWS Data

- Data Encryption Configuration: This solution does not encrypt data within the running instance.
- User Credentials are stored: /root/.ssh/authorized_keys & /home/ubuntu/.ssh/authorized_keys
- Monitor the health:
    - Navigate to your Amazon EC2 console and verify that you're in the correct region.
    - Choose Instance and select your launched instance.
    - Select the server to display your metadata page and choose the Status checks tab at the bottom of the page to review if your status checks passed or failed.

Extra Information: (Optional)

Allocate Elastic IP

To ensure that your instance **keeps its IP during restarts** that might happen, configure an Elastic IP. From the EC2 console:

1. Select ELASTIC IPs.
2. Click on the ALLOCATE ELASTIC IP ADDRESS.
3. Select the default (Amazon pool of IPv4 addresses) and click on ALLOCATE.
4. From the ACTIONS pull down, select ASSOCIATE ELASTIC IP ADDRESS.
5. In the box that comes up, note down the Elastic IP Address, which will be needed when you configure your DNS.
6. In the search box under INSTANCE, click and find your INSTANCE ID and then click ASSOCIATE.
7. Your instance now has an elastic IP associated with it.
8. For additional help: https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html