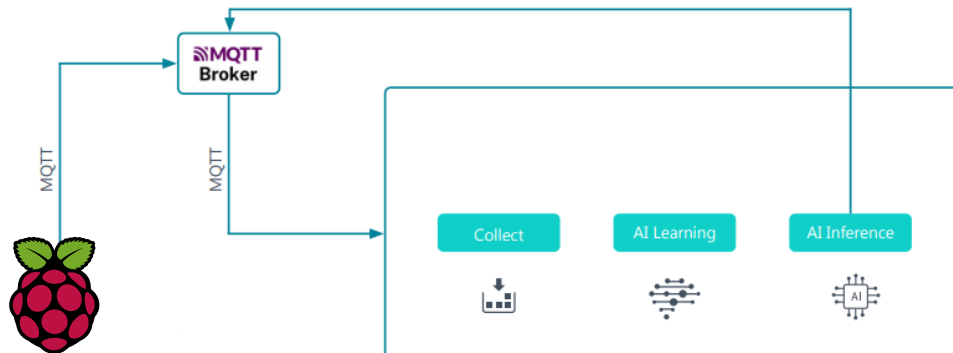


# **MAKE YOUR Raspberry Pi**

## **AI READY**

### **in 15 minutes**



## Step 1: Install FELCES using the below command

```
curl -fsSL install.flecs.tech | bash
```



License activation

```
The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.
```

```
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.
```

```
Last login: Tue Jun 17 12:17:55 2025 from 192.168.178.46
```

```
admin@raspberrypi:~ $ curl -fsSL install.flecs.tech | bash
```

```

  FILiP
  -----
  FLECS Installer for Linux Platforms
```

```
https://flecs.tech/
```

```
Error: FILiP needs to run as root
```

```
Restart using sudo? [y/n]: y
```

```
Info: FILiP is about to install FLECS for arm64 on Debian GNU/Linux 12 (bookworm)
```

```
Press enter to begin installation or Ctrl-C to cancel.
```

```
Info: Checking internet connectivity...OK
```

```
Info: Determining Docker version... found Docker
```

```
Info: Client: 20.10.24
```

```
Info: API: 1.41
```

```
Info: Determining latest FLECS core version... OK
```

```
Info: Determining latest FLECS webapp version... OK
```

```
Info: Core: 4.0.1-snowhare
```

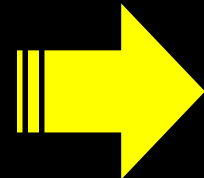
```
Info: WebApp: 4.0.0-snowhare
```

```
Info: Downloading FLECS as deb
```

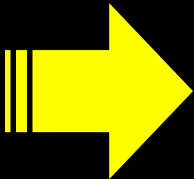
```
Info: Installing FLECS using apt-get
```

```
Info: FLECS was successfully installed!
```

```
admin@raspberrypi:~ $
```



# Step 2: After installing open the Marketplace and install COLIGO Lite



`http://<raspberrypi_ip_address>/ui/marketplace`

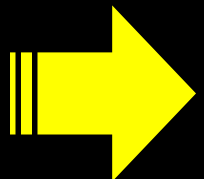
The screenshot displays the FLECS Marketplace interface. On the left, there is a sidebar with navigation options: Apps, Marketplace (selected), Service Mesh, and System. The main area shows a grid of application cards. Each card includes the application name, developer, version, a brief description, and an 'INSTALL' button. The 'COLIGO Lite' application by COLIGO Technologies GmbH is highlighted with a red dashed box. It is described as an app for creating anomaly detection models from MQTT messages. Other visible applications include AAS Server, AnyViz Cloud Adapter, Apache IoTDB, AWS IoT Greengrass, Chrony, CodeMeter, Doom powered by FLECS, edgeAggregator, edgeConnector 8400, edgeConnector FANUC CNC, edgeConnector Modbus, edgeConnector Siemens, and evcc.

## Step 3: open the COLIGO Lite app trial version from installed apps

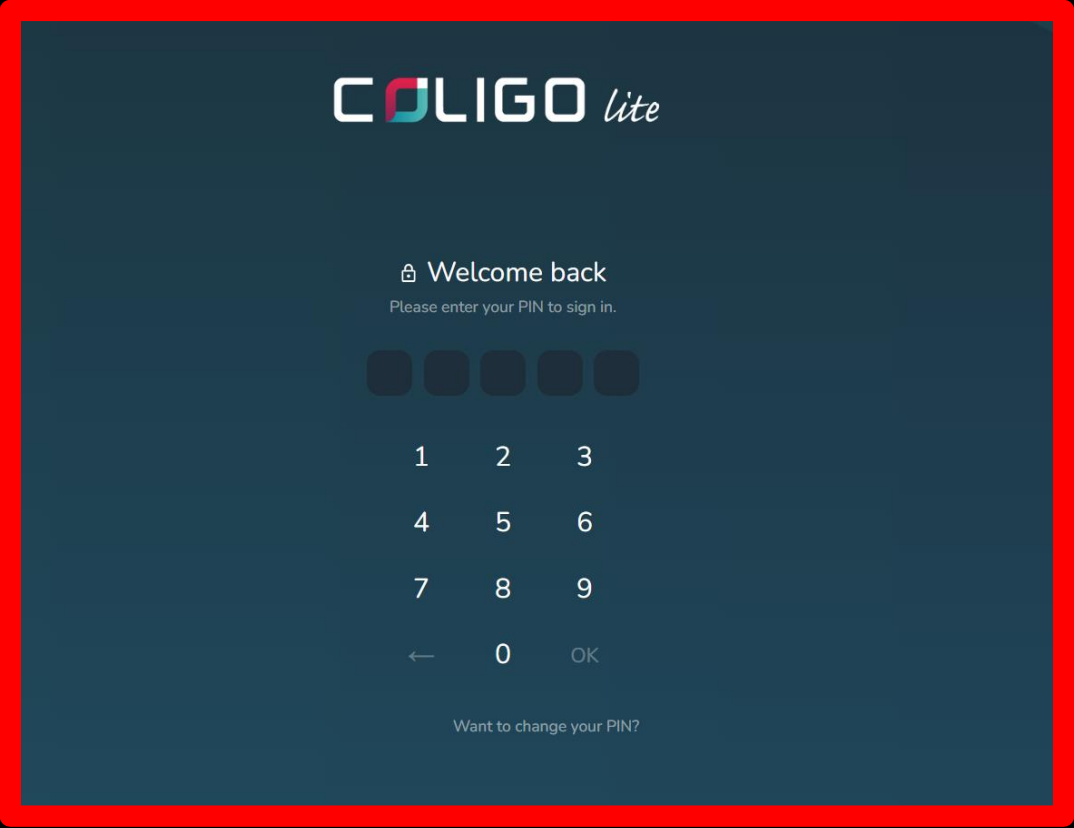
`http://<raspberrypi_ip_address>/ui/marketplace`

The screenshot displays the FLECS user interface. On the left sidebar, the 'Apps' menu item is highlighted with a red dashed box. The main content area shows the 'Installed Apps' section. At the top, there are buttons for 'EXPORT', 'IMPORT', and 'SIDELOAD APP'. Below these, a table lists installed apps. The first app is 'COLIGO Lite' by 'COLIGO Technologies GmbH'. Underneath this, the 'App instances' section is visible, containing a table with one instance named 'COLIGO Lite0'. The 'OPEN APP' button in the 'App instances' section is highlighted with a red dashed box.

Status	Instance name	Version	Actions
<span style="color: blue;">●</span>	COLIGO Lite0	v1.0.0	<span style="color: red;">✎</span> <span style="color: gray;">i</span> <span style="color: gray;">▶</span> <span style="color: gray;">⏻</span> <span style="color: gray;">⚙️</span> <span style="color: gray;">🗑️</span>



Step 4: open the COLIGO Lite app trial version from installed apps



Trial Password: 12345

## Step 5: open the COLIGO Lite app trial version from installed apps



COLIGO *lite* TRIAL

ADD ANOMALY DETECTOR

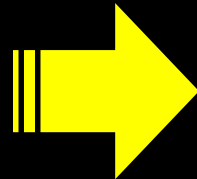
MQTT Connection ① — ② — ③ — ④ — ⑤

Detector Name  
Detector XYZ


NEXT



Provide MQTT Broker details



Provide Topic and path to value to be Analyzed



COLIGO *lite* TRIAL

ADD ANOMALY DETECTOR

MQTT Connection ① — ② — ③ — ④ — ⑤

Paths  
\$value

ADD ANOTHER PATH

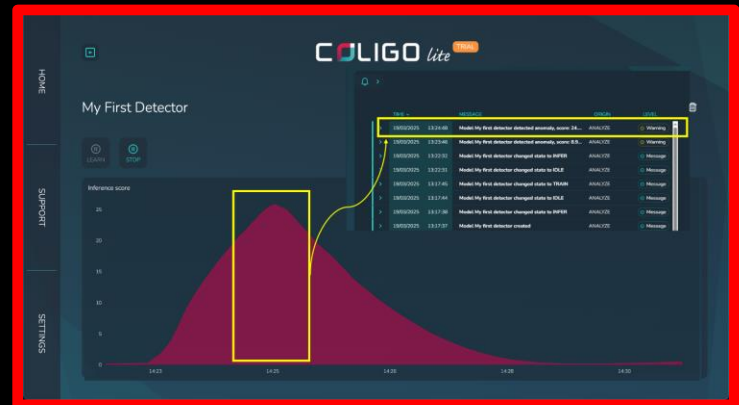
BACK CREATE

**apps**



👉 Start Learning your MQTT Data at the Edge

## Anomaly Detection done at the EDGE





**Follow: @Melvin  
Francis**

Detailed documentation in the below link:

<https://docs.coligo.ai/>

