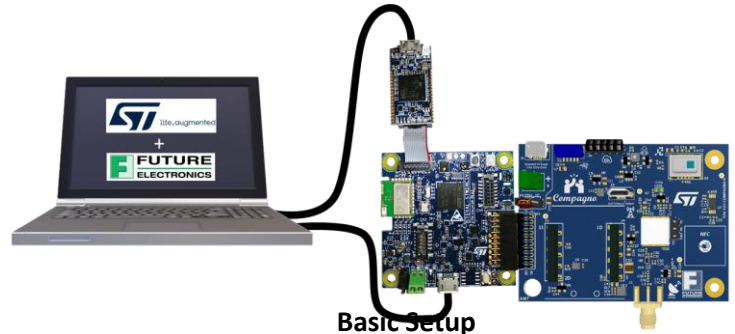


Compagno Machine Learning Solution Using SensiML Analytics Studio Toolkit for Industrial Edge AI

System Setup and Requirements

1. Hardware Required:

- STWIN ([STEVAL-STWINKT1](#))
- Compagno ([FUT-COMPAGNO-0](#))
- PC with two USB A ports



2. Software Required:

- a. ST Micro Integrated Development Environment for STM32: [STM32CubeIDE](#)
- b. Future Electronics [DC Engine](#) :
 - i. Future Electronics Simple Streaming firmware (data collection/recognition) firmware: **Future-SensiML_xx.zip**
 - Future Electronics data collection project file: **Future-SensiML_DataCollection.xx.bin**
 - ii. Future Electronics **Compagno_GridEYE20Hz.ssf** configuration file for live data streaming over SimpleStreaming InferFace
 - iii. Future Electronics Data Capture Lab project file: **FutureCompagnoGridEYE_xx.zip**
 - Future Electronics Recognition project file: **Future-SensiML_Reconition.xx.bin**
- c. SensiML Analytics Toolkits
 - i. SensiML Data Capture Lab: [Download](#), [Documentation](#)
 - ii. SensiML Open Gateway: [Download](#), [Documentation](#)
 - iii. Create SensiML Community Edition account
<https://sensiml.com/plans/community-edition/>

Additional Resources:

- [Future Electronics Compagno-SensiML Web Landing Page](#)
- [DC Engine Compagno-SensiML Folder:](#)

Documents > Future Created Material - Sync to Laptop > Tool Kit > Future Created Demo Kits > Compagno-SensiML