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| **Step-1: Test DHT-11 and BMP-280 Sensor** |

1. DHT-11 🡪 <https://www.cybertice.com/p/1045>

* Read Temperature 🡪 DHT\_Tempp
* Read Humidity 🡪 DHT\_Humid

1. BMP-280 🡪 <https://www.cybertice.com/p/4549>

* Read Temperature 🡪 BMP\_Tempp
* Read Pressure 🡪 BMP\_Press
* Read Altitude 🡪 BMP\_Altit

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| **Step-2: InfluxDB 🡪 Bucket Name = “pk007.sut's Bucket”** |

1. <https://www.influxdata.com/get-influxdb/> 🡪 Login to influxDB Clound 2.0

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1. Register InfluxDB
2. Create Bucket
3. Create Tokenkey

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| **Step-3: ESP32 Code** |

1. Add Lib

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1. Code write data to InfluxDB

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1. Monitor

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| **Step-4: Grafana 🡺 Dashboard Name = “Pk007”** |

1. <https://grafana.com/> 🡪 Create free account (or Sign in)

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1. Import Data
2. Create Dashboard
3. Show 🡪 BMP280{Temperature, Pressure, Altitude} + DHT-11{Temperature, Humidity}

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