

In this Video you will learn...

Challenges

Data Acquisition

Data Acquisition



A developer's guide to the Internet of Things (IoT)

IBM

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A developer's guide
to the Internet of
Things (IoT)

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▼ storage

- mongodb
- ibm hdfs
- ibm hdfs
- cloudant
- sqldb
- dashDB
- redis
- mongodb
- cloudant
- sqldb
- dashDB

▼ analysis

- sentiment

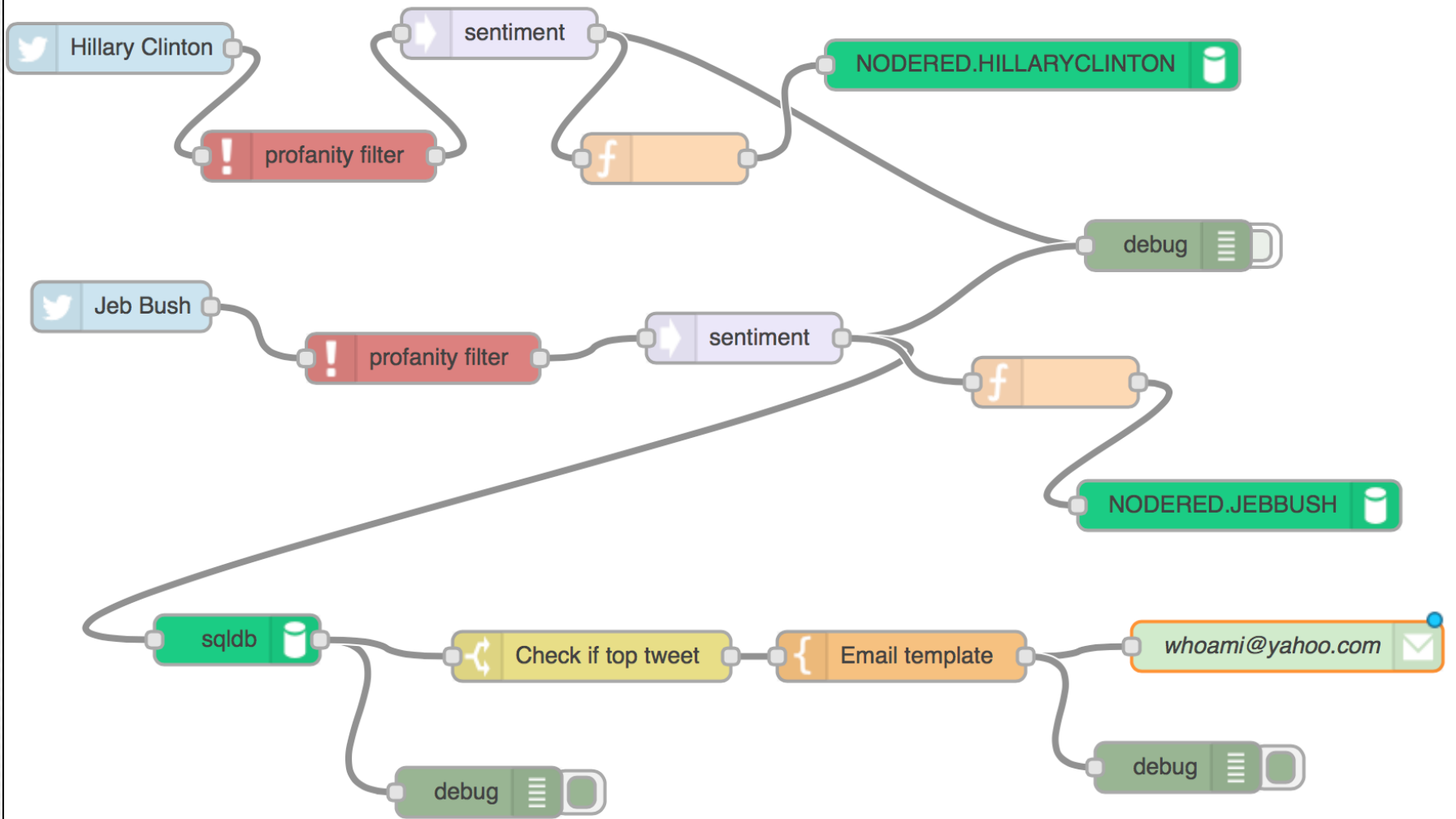
Sheet 1

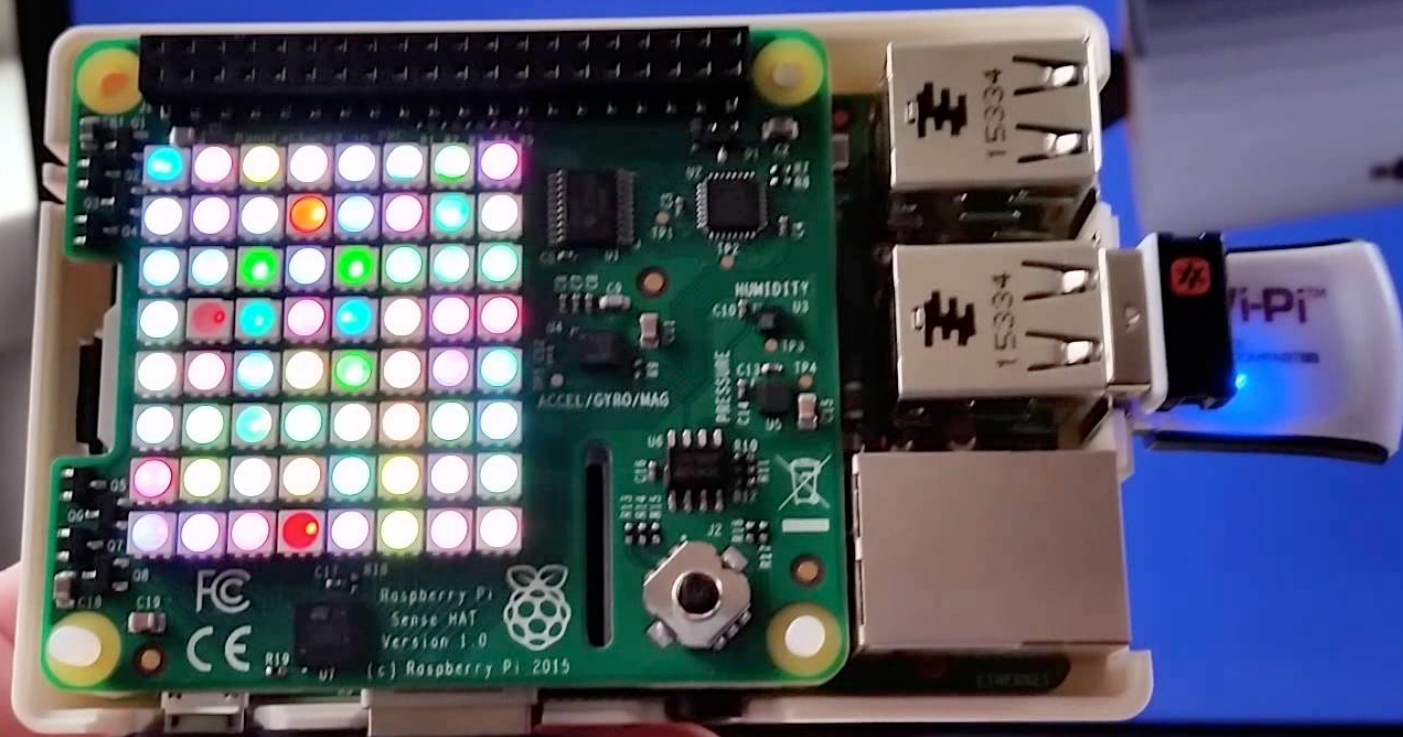
Sheet 2

Sheet 3

Sheet 4

Sheet 5





```
import ibmiotf.gateway
from sense_hat import SenseHat
gatewayOptions = {"auth-method": "token", "auth-token": "s*)3uX"}
gatewayCli = ibmiotf.gateway.Client(gatewayOptions)
gatewayCli.connect()
sense = SenseHat()

temp = sense.get_temperature()
myData = {'temp': temp}
gatewayCli.publishDeviceEvent(myData, qos=2)
```

Data Storage

Data Processing

Vocabulary

Scalar

Vector

Tuple

Matrix

Dimension

Feature

Tensor

Summary

- Data
 - Acquisition
 - Storage
 - Processing
- Different terms & different understanding