# Using the Cloud Pub/Sub Client Library



Vitthal Srinivasan CO-FOUNDER, LOONYCORN www.loonycorn.com

#### Overview

Installing and working with the Pub/Sub client library in Python

Creating publishers, subscribers and sending messages

Asynchronous and batch message publishing

Configuring flow control for subscriptions

Building a Hangouts chatbot with Pub/Sub

Installing Pub/Sub client libraries

Executing a simple publisher and subscriber in Python

Asynchronous publishing using callbacks

Publishes and parsing messages with custom attributes

Using subscribers with flow control

Publishing messages in batches

Building a Hangouts chatbot using Pub/Sub

# Summary

Installing and working with the Pub/Sub client library in Python

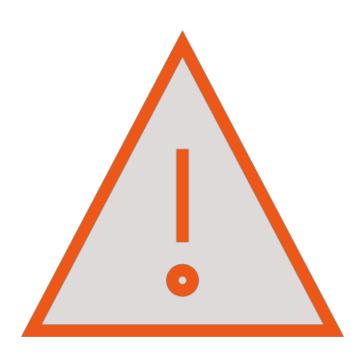
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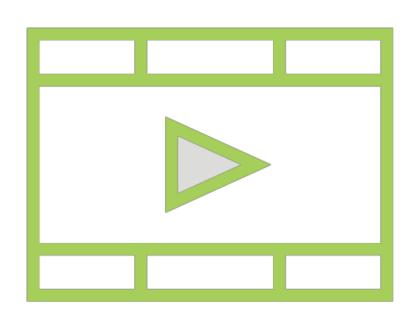
# Delete Resources



Pub/Sub topics

Pub/Sub subscriptions

#### Related Courses



Developing Stream Processing Applications with AWS Kinesis

**Structured Streaming in Apache Spark 2**