

## Kafka Consumer Class

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```
1  ## Author: Yam Jason
2
3  from kafka import KafkaConsumer
4  import json
5
6  class KafkaConsumerClass:
7      def __init__(self, bootstrap_servers, topic_name, group_id='my-group'):
8          self.consumer = KafkaConsumer(
9              topic_name,
10             bootstrap_servers=bootstrap_servers,
11             group_id=group_id,
12             value_deserializer=lambda x: json.loads(x.decode('utf-8')) # Deserialize data from JSON
13         )
14
15     def consume_messages(self):
16         for message in self.consumer:
17             print(f"Received message: {message.value}")
18
19     def close(self):
20         self.consumer.close()
```