Amazon SQS – Dead Letter Queue

- If a consumer fails to process a message within the Visibility Timeout…
  the message goes back to the queue!

- We can set a threshold of how many times a message can go back to the queue

- After the **MaximumReceives** threshold is exceeded, the message goes into a dead letter queue (DLQ)

- Useful for <u>debugging</u>!

- Make sure to process the messages in the DLQ before they expire:
  - Good to set a retention of 14 days in the DLQ

SQS Queue

Dead Letter Queue

Consumer

Failure loop