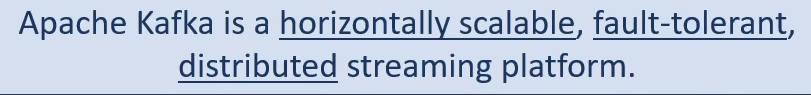
1. **Agenda**:
   1. In this section, we’re going to understand Kafka **internals and some architectural concepts**.  
      **NOTE**: These fundamental concepts are critical for the rest of the course.
2. Let’s get started.



1. You must be categorically sure about the answer.
2. Apache Kafka is **Messaging Broker**.
3. Everything else is an API, Library, Framework to interact with Kafka Broker or with Data in realtime.
4. Kafka Broker is a middleman b/w the Producers and Consumers playing three Primary Responsibilities.
   1. Graphical user interface, text, application

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   2. Text

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      Storage is also critical to ensure that A consumer can consume it later.   
      So that a consumer need not necessarily read it in realtime.
   3. A picture containing text

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5. 

It is consciously designed to build realtime streaming data architecture.  
This new definition has a lot to understand.  
Let’s break it into 3 parts.  
Text

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* 1. In the first part, we will talk about Kafka Message Storage Architecture.  
     This discussion will help you to understand some core concepts such as Topics, Logs, Partitions, replication Factors, segments, offset-index.
  2. Then we will move to Kafka Cluster Architecture which will help you to understand some concepts associated with cluster formation, Zookeeper & Controller.
  3. Finally, we will tie up these two architectures (Storage and Cluster) and try to understand how the work is distributed in the Kafka Cluster.  
     In this part, we will learn about Leaders, Followers, In Sync Replica, Committed and Uncommitted Messages.

1. A picture containing graphical user interface

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