Kafka cluster:it a group of kafka broker .it has minimum of 3 broker.

Kafka broker: it is a server, it acts as a message broker between producer and consumer.

Producer and consumer does not communicate directly , they use this server as a agent to exchange information/message.

Producer: it a application that send an message through kafka server.

Consumer: it a application , that consumes the ,message from kafka server.

Topic : it like the data that is stored in kafka broker

Topic is identified by its name

Kafka broker can have number of topics.

Kafka partitions:topics are further devided in number of topics

Offset: it a sequrence of ids given to message ,first message gets offset 1 and second get 2nd and so on.

Consumer :Consumer groups contain one or more consumer working together to process the message.