**KAFKA INSTALLATION**

**MAC**

1. Install brew: */usr/bin/ruby -e "$(curl -fsSL* [*https://raw.githubusercontent.com/Homebrew/install/master/install*](https://raw.githubusercontent.com/Homebrew/install/master/install)*)"*
2. Kafka:  
   Download and extract kafka binaries: [*https://kafka.apache.org/downloads*](https://kafka.apache.org/downloads)
3. Install kafka commands: *brew install kafka  
   \*CHANGE PATH*
4. Change zookeeper and kafka configs  
   zookeeper.properties: *dataDir=/your/path/to/data/zookeeper*

server.properties: *log.dirs=/your/path/to/data/kafka*

1. Start zookeeper-> *zookeeper-server-start config/zookeeper.properties*
2. Start kafka(New terminal)-> *kafka-server-start config/server.properties*

**WINDOWS**

1. Download the Kafka binaries from <https://kafka.apache.org/downloads>
2. Extract Kafka at the root of C:\
3. Setup Kafka bins in the **Environment variables** section by editing **Path**
4. Try Kafka commands using kafka-topics.bat (for example)
5. Change zookeeper and kafka configs  
   zookeeper.properties: dataDir=C:/kafka\_2.12-2.0.0/data/zookeeper slashes are

inversed)server.properties: log.dirs=C:/kafka\_2.12-2.0.0/data/kafka(yes the slashes are inversed)

1. Start zookeeper -> zookeeper-server-start.bat config/zookeeper.properties
2. Start kafka -> kafka-server-start config/server.properties

**KAFKA COMMANDS**

**KAFKA-CREATE-TOPIC**

kafka-topics --zookeeper 127.0.0.1:2181 --topic *TOPIC\_NAME* --create --partitions 3 --replication-factor 1

**KAFKA-VIEW-TOPICS** kafka-topics --zookeeper 127.0.0.1:2181 –list

**KAFKA-VIEW-TOPICS**

kafka-topics --zookeper 127.0.0.1:2181 --topic *TOPIC\_NAME* –describe

**KAFKA-CONSUMER** kafka-console-consumer --bootstrap-server 127.0.0.1:9092 --topic *TOPIC\_NAME*

**KAFKA-PRODUCER**

kafka-console-producer --broker-list 127.0.0.1:9092 --topic FT

**KAFKA-GROUPS** kafka-console-consumer --bootstrap-server localhost:9092 --topic *TOPIC\_NAME* --group GROUP\_NAME