**Prerequisite for the Kafka & Spark on Mac OS**

Kindly skip below steps if you already installed in your machine

Install Homebrew

Open Terminal. Run the following command in Terminal:

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| **$ /usr/bin/ruby -e “$(curl -fsSL** [**https://raw.githubusercontent.com/Homebrew/install/master/install**](https://raw.githubusercontent.com/Homebrew/install/master/install)**)”** |

Enter the password if asked and continue.

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| ==> Cleaning up /Library/Caches/Homebrew...  ==> Migrating /Library/Caches/Homebrew to /Users/apple/Library/Caches/Homebrew..  ==> Deleting /Library/Caches/Homebrew...  Already up-to-date.  ==> Installation successful!    ==> Homebrew has enabled anonymous aggregate user behaviour analytics.  Read the analytics documentation (and how to opt-out) here:  <http://docs.brew.sh/Analytics.html>    ==> Next steps:  - Run `brew help` to get started  - Further documentation:  [http://docs.brew.sh](http://docs.brew.sh/) |

Install xcode-select

To install Java, Scala and Apache Spark through command line interface in Terminal, we shall install xcode-select. Enter and run the following command in Terminal :

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| **$ xcode-select –install** |

Install Java

To install Java through command line, enter and run the following command in the Terminal:

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| **$ brew cask install java** |
| If your Java application still asks for JRE installation, you might need  to reboot or logout/login.    Installing this Cask means you have AGREED to the Oracle Binary Code  License Agreement for Java SE at    <https://www.oracle.com/technetwork/java/javase/terms/license/index.html>    ==> Satisfying dependencies  ==> Downloading <http://download.oracle.com/otn-pub/java/jdk/8u144-b01/090f390dda>  ######################################################################## 100.0%  ==> Verifying checksum for Cask java  ==> Installing Cask java  ==> Running installer for java; your password may be necessary.  ==> Package installers may write to any location; options such as --appdir are i  Password:  ==> installer: Package name is JDK 8 Update 144  ==> installer: Upgrading at base path /  ==> installer: The upgrade was successful.  ? java was successfully installed! | |