How to Install Spark in Windows 10

1. [Install Java 8 SE/JDK or later](http://www.oracle.com/technetwork/java/javase/downloads/index.html). To test java installation is complete, open command prompt type java and hit enter. If you receive a message 'Java' is not recognized as an internal or external command. You need to configure your system variables under environment variables, JAVA\_HOME and PATH to point to the path of JDK and bin (inside JDK directory) respectively.
2. [Download and install Scala](https://www.scala-lang.org/download/) (scroll down and clock on ‘Download the Scala binaries for windows’).

Set SCALA\_HOME system variable under environment variables with value as <<SCALA PATH>> and add %SCALA\_HOME%\bin in PATH system variable under environment variables.

1. Install Python 3 or later from [Python Download link](https://www.python.org/downloads/windows/).
2. [Download SBT](http://www.scala-sbt.org/download.html). Install it and set SBT\_HOME as a system variable under environment variables with value as <<SBT PATH>>.
3. Download winutils.exe from [git repo](https://github.com/steveloughran/winutils/tree/master/hadoop-2.7.1/bin). Since we don't have a local Hadoop installation on Windows we have to download winutils.exe and place it in a bin directory under a created Hadoop home directory inside ‘C:\’ (C:\Hadoop\bin). Set HADOOP\_HOME system variable under environment variables with value as <<Hadoop PATH>>
4. We will be using a pre-built Spark package, so choose a Spark pre-built package (latest version) for [Hadoop Spark download](http://spark.apache.org/downloads.html). Download and extract it.

Set SPARK\_HOME system variable under environment variables with value as <<Spark PATH>> and then add %SPARK\_HOME%\bin in PATH system variable under environment variables.

1. Run command: spark-shell
2. Open http://localhost:4040/ in a browser to see the SparkContext web UI.

use :quit to exit shell