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**Subject**: Tools and techniques

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**Assignment: How to install the Apache Spark?**

Here is the major steps which we have to follow to install the apache spark

1. A system running Windows 10.
2. Verifying Java Installation.
3. Verifying Scala Installation.
4. Downloading Scala.
5. Installing Scala.
6. Downloading Apache Spark
7. Installing Spark.
8. Verifying the Spark Installation.

**Download the Java:**

* Once the download finishes, run the file.



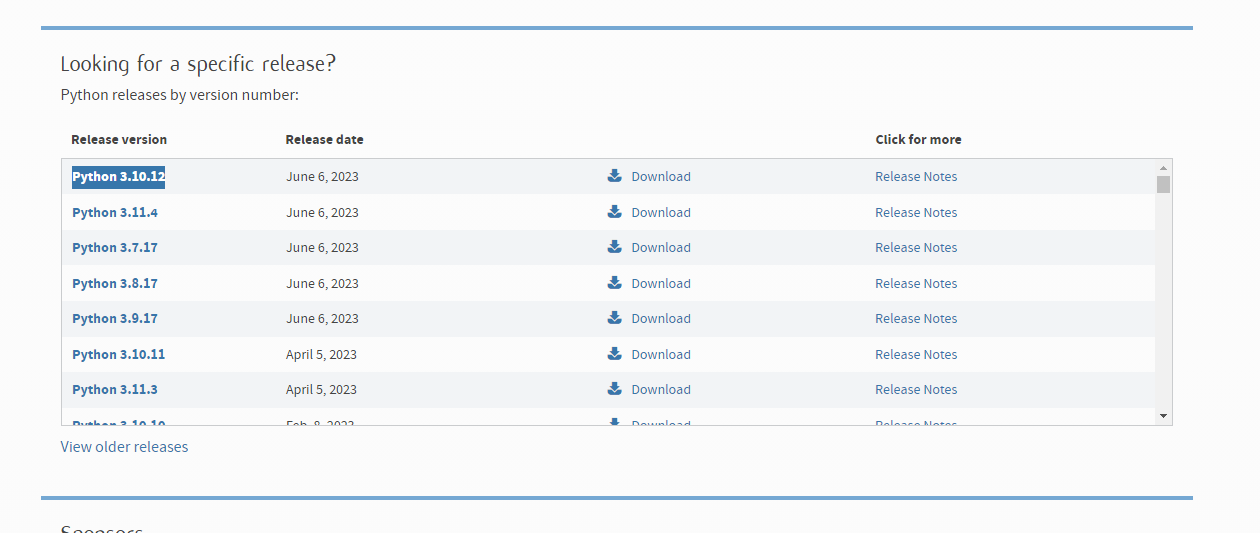
**Verify java by running below command**

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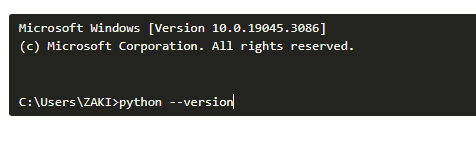
**Install Python:** (latest version [Python 3.10.12](https://www.python.org/downloads/release/python-31012/))

<https://www.python.org/downloads/>

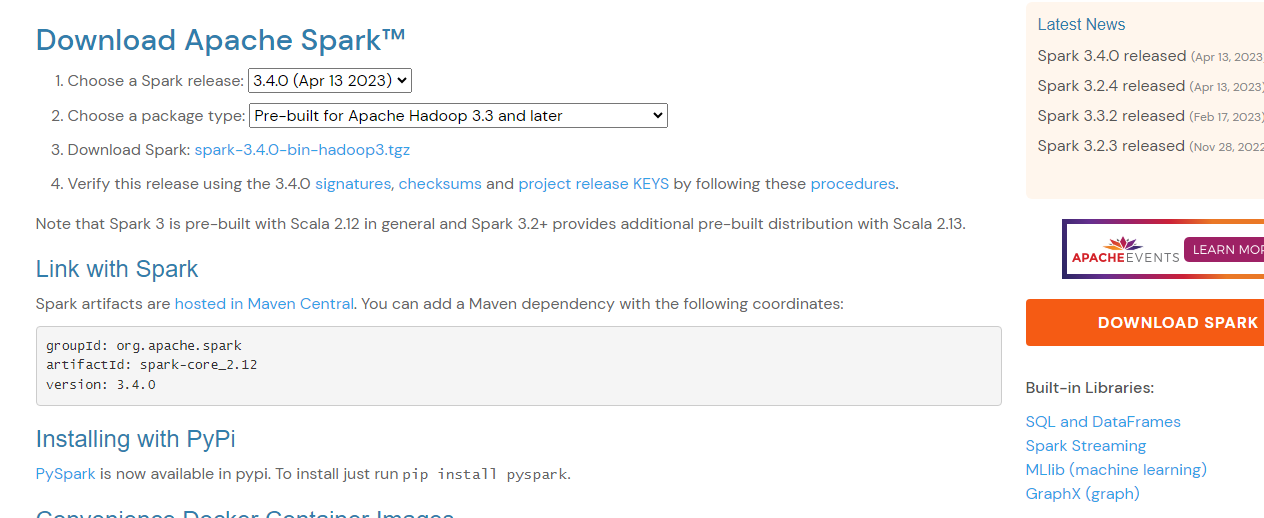
* setup the folder named (Python)
* Once the download finishes, run the file.

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**Verify the python version:**

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**Download Apache spark:**

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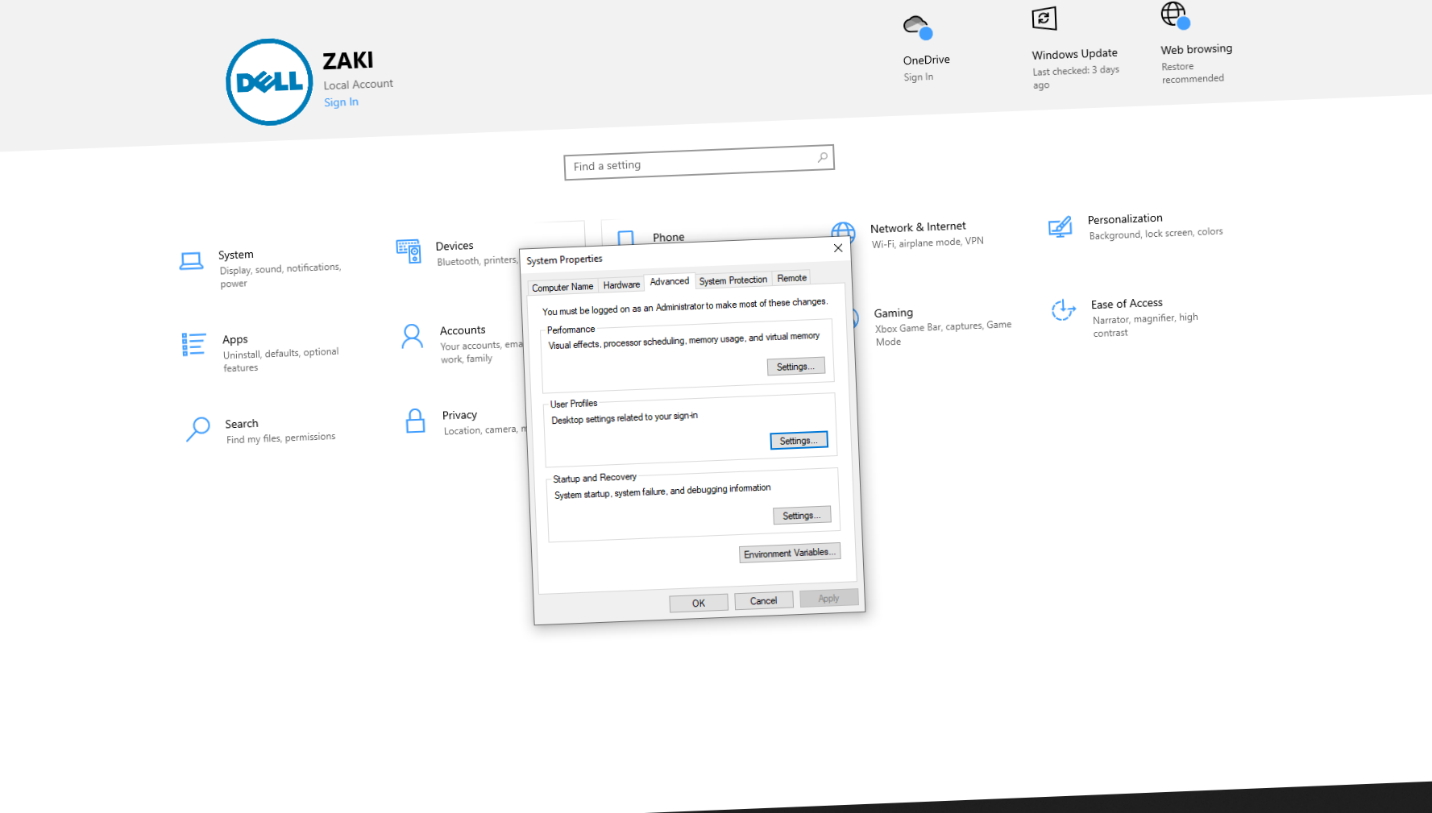
**Extract spark:**

$ tar xvf spark-1.3.1-bin-hadoop2.6.tgz

**Move Spark files:**

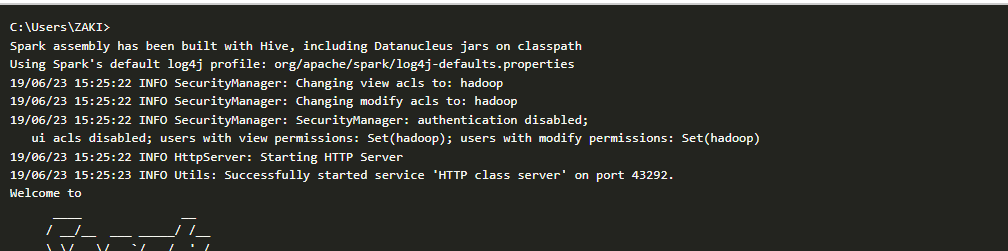
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**Setup the environment:**

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**Verify Spark installation:**

**Run the command (**$spark-shell**):**

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