Response to the raised Concerns| Stream Processing Labs

1. Dependencies are written in wrong format (XML) which is not compatible with SBT (Scala Build Tool)

   The dependencies that are present in the lab manual are w.r.t to maven pom.xml file, but as far as dependencies style w.r.t to sbt is concerned, the same have been provided with an additional document that guides how anyone can easily find any dependencies for any use-case(if it exists) w.r.t sbt. (Refer Support Document)

   Refer Support Document

2. Incompatible Versions of Spark and Scala

   Compatible versions list:

   - Scala: 2.12.10
   - Spark: 3.1.2
   - SBT: 1.5.5

   Mentioned with Support Document

3. The import modules are not available, like which function is imported for a specific method like (args).

   By default, by only writing the code in the IDE, it will give you error that “args” is not defined, but this code is to be executed as a script through “spark-submit”, instructions for the same are present in the PDF of lab files. Therefore, it will not give any errors when executed through scripts.

4. How to make developer account on Twitter, is not available in the Xebia Module.

   Developer account can be easily created by just following the steps that appears on the screen while doing the process for the same.

   You only need to be cautious of the few things that twitter asks while this account is been created. The most important thing they ask that why a developer account is needed, there you can enter anything, but my suggestion is that enter something related to POC (Proof of Context).

   Disclaimer: Developer Account acceptance is completely dependent on Twitter Policy, so, no one can guarantee that a developer account can be provided. We can at most provide insights that will increase the chances of the developer account acceptance.

   Refer Support Document

5. Dependencies and Libraries are not working in Software like Intellij

This Issue is repeated to 1st one, the solution for this is explained in the comment for the 1st issue. SBT dependencies for one example of lab has been provided with the support Lb Document & also the general way to retrieve all the dependencies for SBT to fulfil any use-case.

6. Improper configuration and explanations

   Issue is not explanatory, which configuration is improper. As far as explanation is concerned, it is provided in the PDF, but still in the next release of the labs, more detailed explanations will be provided.

7. Cloudera needs high configuration like 16 GB ram and i7 processor to work fine but 99% students do not have this much configuration

   It has been expert verified: Tested Cloudera on a system having 4 GB Ram & i3 equivalent processor. It will work very slow in this configuration that is true.

   Therefore, recommended configuration for the cloudera is 8GB & i5 processor at least. (Tested cloudera on systems having this conf., & it was working fine).

8. Some of students tried on Mac Book Pro with 8 GB ram and still the code is not working since it is wrongly written and there are many errors.

   Repeated (As above) Issue by combining the issues. Answer/resolution for every part of the question is provided in the above comments.

9. The solutions to the projects taken through the training demo mode(T3, Refresher T3s).