

Practical works in BI: installations

*Please perform the necessary setups
before each session*

Session #2 : ETL with Talend for DI

- Main tool: **Talend Open Studio for Data Integration (TOS-DI)**
- Extra tools:
 - **Kahoot!** (you can install the app on your smartphone or just play online with your laptop)
 - **MySQL Workbench**

- *Always choose versions with installer (.msi, .exe or .dmg)*
- *Install all downloaded software before class*

Instructions for Windows

- Download **TOS-DI 7** from 01net:
<https://www.01net.com/telecharger/windows/Programmation/creation/fiches/150553.html>
- TOS needs a JDK, version 8 or newer. If you don't have one yet, you can get it from www.java.com/en (not just Java for users, but the developer package, i.e. **OpenJDK** or **Java SE Dev Kit**)
- Download **MySQL Workbench** from MySQL:
<https://dev.mysql.com/downloads/workbench/>
- Workbench installer may need the **MS .NET framework runtime**, available from Microsoft:
<https://dotnet.microsoft.com/en-us/download/dotnet-framework/net48>

Instructions for Mac

- Require a free download of **TOS-DI 8** from Talend:
<https://www.talend.com/fr/products/talend-open-studio>
- TOS needs a JDK, **version 17** for **macOS**. If you don't have it yet, you can get it from Oracle (not just Java for users, but the developer package, i.e. **Java SE Dev Kit**)
<https://www.oracle.com/java/technologies/downloads/#java17>
- Download **MySQL Workbench** from MySQL:
 - last version for macOS 11.1 or newer
 - archive version 6.3.10 for macOS 10 or 11.0<https://dev.mysql.com/downloads/workbench/>

Session #3: ad-hoc with BO, cube with Essbase

- For BO, we'll use a web interface, so no installation needed.
 - For Essbase :
 - **Windows users:** get **Excel** (any version), then download **Smart View** from Oracle (create a free Oracle account if you don't have one). Install it after download.
<https://www.oracle.com/middleware/technologies/epm-smart-view-downloads.html>
 - **Windows users without Excel:** Smart View for Essbase is not available for Open Office. See 'Mac users' below.
 - **Mac users:** Smart View Smart View for Essbase is not available for macOS. Just sit near a Windows user.
- *Always choose versions with installer (.msi, .exe or .dmg)*
 - *Install all downloaded software before class*

Session #4: Data Viz with Tableau

- Main tools: **Tableau Desktop**, **MySQL ODBC connector**
- Extra tools: **Tableau Online**, **Tableau Mobile**

- *Always choose versions with installer (.msi, .exe or .dmg)*
- *Install all downloaded software before class*

Instructions for Windows

- Download **Tableau Desktop** (current version) from Tableau: <https://www.tableau.com/en-us/support/releases>
- Download **ODBC/Connector 8** from MySQL: <https://dev.mysql.com/downloads/connector/odbc/>
- The ODBC Connector requires the **VC++ Runtime**, version 2015 or 2017. If needed, download it from Microsoft: <https://docs.microsoft.com/en-us/cpp/windows/latest-supported-vc-redist?view=msvc-170>

Instructions for Mac

- Download **Tableau Desktop** (current version) from Tableau: <https://www.tableau.com/en-us/support/releases>
- Download iODBC from iODBC.org: <http://www.iodbc.org/dataspace/doc/iodbc/wiki/iodbcWiki/Downloads>
- Download **ODBC/Connector 8** from MySQL: <https://dev.mysql.com/downloads/connector/odbc/>
- Install iODBC first, then ODBC/Connector

Extra instructions

- I'll provide you a license number for Tableau. If you want to test the tool beforehand, just activate the free trial period.
- You'll soon get an e-mail from **Tableau Online**; click on the hyperlink and choose a password to activate your account.
- You can also install the **Tableau Mobile** app on your smartphone or tablet.