

Business Intelligence (Module 2) SW setup

Option 1: laboratory

All computers in the laboratories 2.2, 3.1, 3.3, and 4.2 are equipped with the required software.

Option 2: remote connection via Guacamole

Connect to a random computer in the laboratories by connecting to <https://csi-rlab.campusfc.unibo.it/>.

Note that:

- this is possible only when computers are turned on (i.e., Mon-Fri, 9am to 7pm approximately);
- computers may not be available when laboratories are full (it is unlikely, but a possibility nonetheless).

Option 3: individual install

Install the software on your computer and remotely connect to the on-campus database (no VPN or SSH tunnel required).

- Indyco Builder: <http://www.indyco.com/repository/releases/latest/IndycoBuilder.msi>
- Tableau Prep: <https://www.tableau.com/products/prep/download?signin=academic>
- Tableau Desktop: <http://www.tableau.com/products/desktop/download?signin=academic>

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Tableau Prep and Desktop License (non-commercial educational purpose only)

TCIU-29A2-E2D0-C322-E889

Individual Tableau licenses can be requested by students at <https://www.tableau.com/it-it/academic/students#form>

Database connection

The database we will work with is in a PostgreSQL instance.

- Host: 137.204.78.85
- Port: 5432
- Database: bi
- Credentials: check Credentials.pdf file in Virtuale (to be published)
- Schema: tpcd
- Accessibility: 24/7, even outside the Unibo network

To explore the content of the database, two main options are available:

- Connect via PGAdmin
 - It is the standard GUI for PostgreSQL
 - It is not installed in PC labs
- Connect via SQL Developer
 - It is the standard GUI for Oracle, but it is compatible with other DBMSs as well
 - It is installed in PC labs
 - It requires a little bit of tuning:
 - Download PostgreSQL's JDBC drivers here:
<https://jdbc.postgresql.org/download.html>
 - Add the driver in SQL Developer
(Tools > Preferences > Database > Third party JDBC drivers > Add ...)

