POLIMI GRADUATE SCHOOL OF MANAGEMENT

EXECUTIVE PROGRAM IN DIGITAL TRANSFORMATION FLEX:
BIG DATA, MACHINE LEARNING AND AI

INSTALLING ORANGE

Orange is an interactive data analysis tool that allows you to create simple Machine Learning models using a graphical interface. Orange is based on Python, so if a Python distribution already installed, you can install the tool within Python, otherwise it can be installed as a stand-alone application.

OPTION 1. Install Orange as an external application

You can follow the instructions in the following video: https://youtu.be/XDdi978Xk7Y?t=18

1. Go to the Orange download page
2. Select your operating system and click on Download
3. Go to your download folder
4. Run the installation file (Orange3-*.exe)
5. Follow the installation process
6. You can choose whether the tool is installed for the current user or for all users on your computer
7. You can choose the destination folder for the tool (please verify that you have enough space in your hard disk)
8. You can use the tool by opening the **orange-canvas** application

Geting starting with Orange

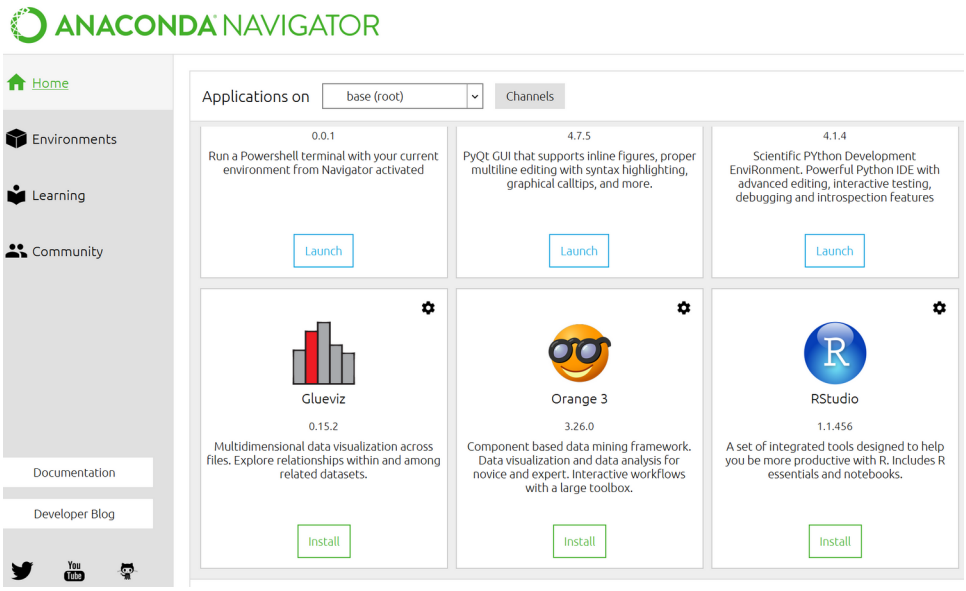
It is recommended to review the following introductory videos on the use of Orange:

1. Welcome to Orange
2. Data Workflows
3. Widgets and Channels
4. Loading Your Data

Alternatively, you can install Orange as a package in your Python distribution:

OPTION 2. Install Orange as a Anaconda application

1. Open the **Anaconda Navigator** application:



2. Intall Orange from the list of applications (it could take several minutes).

OPTION 3. Install Orange as a Python package

In Python you can install Orange by running the following command at the prompt:

```
pip install orange3
```

For more information about the installation procedure, go to the folowing link:
https://orange.biolab.si/download/

OPTIONAL – WORK WITH PYTHON

Python is high-level computer language focus on code readability having a big community of users and developers that make it a perfect option for machine learning development. Even if Python is usually installed in most of the systems, additional packages are required to create machine learning models. Nevertheless, it is possible to execute Python in the cloud and without install it locally using Google Colab:

1. Colab is a Google service, you will need a google account and a stable internet connection.
2. To test the service, please visit the site https://colab.research.google.com/ and follow the Getting Started notebook.