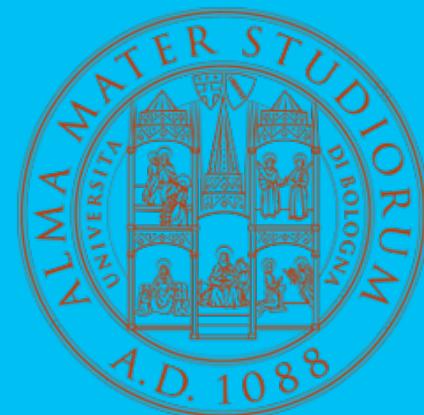
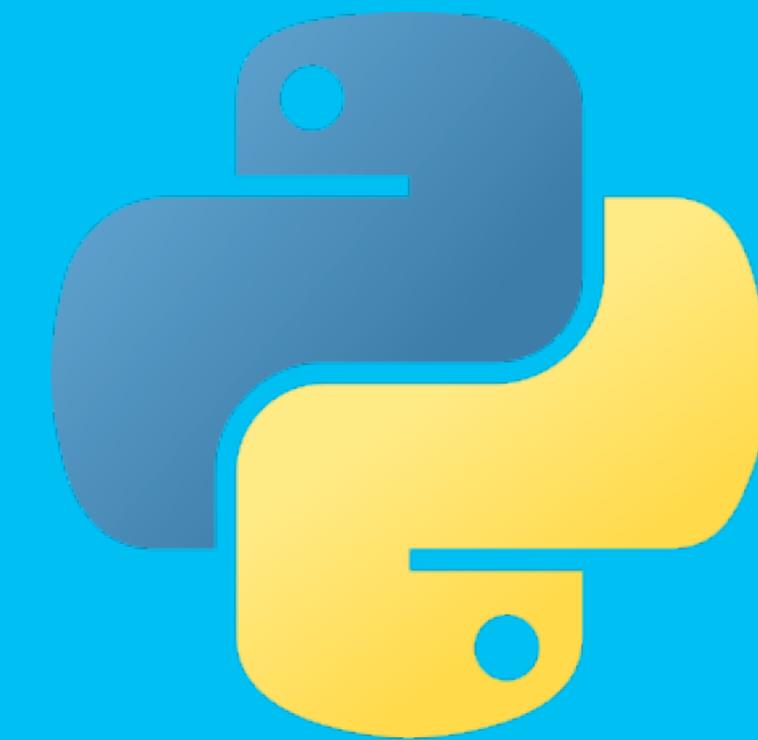


PAOLO PERROTTA

# B3844 - PYTHON FOR BUSINESS LAB

2025/26

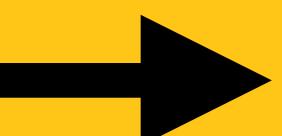
DAY 2



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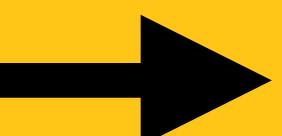
# IN THE PREVIOUS LESSON...

- **Public Service Announcements**
- **A general introduction**
- **Notebooks and other ways to run Python**
- **Module 1: Numeric Types**
- **Module 2: Strings**



# THE PLAN FOR TODAY

- **Module 3: Variables and Assignment**
- **Module 4: Types and Conversions**
- **Module 5: Calling Functions**



# **3. VARIABLES AND ASSIGNMENT**

# VARIABLES

- Assignment
- Variables contain values
- Naming conventions
- Reassigning a variable
- String interpolation





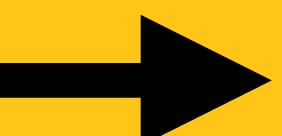
# NOTEBOOK: VARIABLES AND ASSIGNMENT

- **Open <https://github.com/nusco/python-unibo/>**
- **Run through the “Variables and Assignment” notebook**

# 4. TYPES AND CONVERSIONS

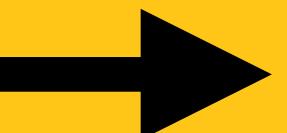
# TYPES

- **Every value has a type**
  - `type()`
- **Implicit conversions**
- **Converting numbers to strings**
- **Converting strings to numbers**
- **Conversion errors**
- **`print()`'s little secret**



# USER INPUT

- `input()`





# NOTEBOOK: TYPES AND CONVERSIONS

- **Open <https://github.com/nusco/python-unibo/>**
- **Run through the “Types and Conversions” notebook**

# **5. CALLING FUNCTIONS**

# FUNCTIONS

- **Example: finding the length of a string**
- **Example: converting a string to uppercase**
- **Functions and methods**
- **Nouns and verbs**
- **Immutable objects**



# ARGUMENTS AND RETURN VALUES

- Arguments and receivers
- Return values
- Chaining calls





# NOTEBOOK: CALLING FUNCTIONS

- Open <https://github.com/nusco/python-unibo/>
- Run through the “Calling Functions” notebook