

Data Visualization

REQUIRED PYTHON LIBRARIES

Tea Tušar, Data Science and Scientific Computing, Information retrieval and data visualization

Required Python libraries

We will be using the libraries Plotly and Dash within a Jupyter notebook

Installation using the Conda package management system

1. Create a new environment (only once)
2. Activate the environment
3. Make all necessary installations (only once)
4. Use the environment
5. Deactivate the environment

Installation with Conda

Example working on Windows 11 and MacOS Ventura 13.6

```
conda create -n pyviz python=3.11  
  
conda activate pyviz  
  
conda install pandas  
conda install plotly  
conda install -c conda-forge notebook  
conda install -c conda-forge dash
```

Needed to get notebook >= 7
Needed to get dash >= 2.11

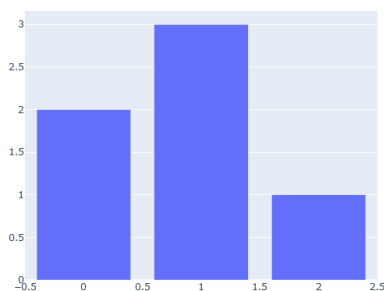
3

Verify the installation

Run Jupyter notebook

```
jupyter notebook
```

Execute the code in `TestPlotly.ipynb` and `TestDash.ipynb`



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