

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
2. Activate the environment
3. Make all necessary installations
4. Use the environment
5. Deactivate the environment

Installation with Conda

Example working on Windows 10

```
conda create --name py39viz python=3.9

activate py39viz
conda install numpy
conda install pandas
conda install plotly
conda install ipywidgets
conda install dash
conda install -c conda-forge jupyterlab==2.2.0
conda install -c conda-forge jupyter-dash
```

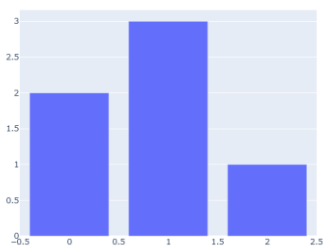
3

Verify the installation

Run Jupyter notebook

```
jupyter notebook
```

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



Random datastream



4