

Zadanie 1

Stworzenie środowiska wirtualnego w Anacondzie oraz jego aktywacja.

```
(zuzannabaran) C:\Users\Zuzia>conda env list
# conda environments:
#
base                  C:\Users\Zuzia\anaconda3
zuzannabaran          * C:\Users\Zuzia\anaconda3\envs\zuzannabaran
```

Pobrane pakiety (wśród nich znajdują się pakiety z pliku „requirements.txt”)

```
(zuzannabaran) C:\Users\Zuzia\Desktop>conda list
# packages in environment at C:\Users\Zuzia\anaconda3\envs\zuzannabaran:
#
# Name                      Version                Build                Channel
anyio                        3.5.0                  py310haa95532_0
argon2-cffi                  21.3.0                  pyhd3eb1b0_0
argon2-cffi-bindings        21.2.0                  py310h2bbff1b_0
asttokens                    2.0.8                   pypi_0              pypi
atomicwrites                 1.4.0                   py_0
attrs                         21.4.0                  pyhd3eb1b0_0
babel                         2.9.1                   pyhd3eb1b0_0
backcall                     0.2.0                   pyhd3eb1b0_0
beautifulsoup4               4.11.1                  py310haa95532_0
blas                          1.0                     mkl
bleach                       4.1.0                   pyhd3eb1b0_0
bottleneck                   1.3.5                   py310h9128911_0
brotli                       1.0.9                   h2bbff1b_7
brotli-bin                   1.0.9                   h2bbff1b_7
brotlipy                     0.7.0                   py310h2bbff1b_1002
bzip2                        1.0.8                   he774522_0
ca-certificates              2022.07.19              haa95532_0
certifi                      2022.9.24               py310haa95532_0
cffi                          1.15.1                  py310h2bbff1b_0
charset-normalizer           2.0.4                   pyhd3eb1b0_0
colorama                     0.4.5                   py310haa95532_0
cryptography                 37.0.1                  py310h21b164f_0
cyclcr                        0.11.0                  pyhd3eb1b0_0
debugpy                      1.5.1                   py310hd77b12b_0
decorator                    5.1.1                   pyhd3eb1b0_0
defusedxml                   0.7.1                   pyhd3eb1b0_0
entrypoints                  0.4                     py310haa95532_0
executing                    1.1.0                   pypi_0              pypi
fftw                          3.3.9                   h2bbff1b_1
fonttools                    4.25.0                  pyhd3eb1b0_0
freetype                     2.10.4                  hd328e21_0
glib                          2.69.1                  h5dc1a3c_1
gst-plugins-base             1.18.5                  h9e645db_0
gstreamer                    1.18.5                  hd78058f_0
icc_rt                       2022.1.0                h6049295_2
icu                           58.2                    ha925a31_3
idna                          3.3                     pyhd3eb1b0_0
iniconfig                    1.1.1                   pyhd3eb1b0_0
intel-openmp                 2021.4.0                haa95532_3556
ipykernel                    6.15.2                  py310haa95532_0
ipython                      8.5.0                   pypi_0              pypi
ipython_genutils             0.2.0                   pyhd3eb1b0_1
ipywidgets                    7.6.5                   pyhd3eb1b0_1
jedi                          0.18.1                  py310haa95532_1
```

jedi	0.18.1	py310haa95532_1
jinja2	3.0.3	pyhd3eb1b0_0
joblib	1.1.0	pyhd3eb1b0_0
jpeg	9e	h2bbff1b_0
json5	0.9.6	pyhd3eb1b0_0
jsonschema	4.16.0	py310haa95532_0
jupyter	1.0.0	py310haa95532_8
jupyter_client	7.3.5	py310haa95532_0
jupyter_console	6.4.3	pyhd3eb1b0_0
jupyter_core	4.11.1	py310haa95532_0
jupyter_server	1.18.1	py310haa95532_0
jupyterlab	3.4.4	py310haa95532_0
jupyterlab_pygments	0.1.2	py_0
jupyterlab_server	2.15.2	py310haa95532_0
jupyterlab_widgets	1.0.0	pyhd3eb1b0_1
kiwisolver	1.4.2	py310hd77b12b_0
lerc	3.0	hd77b12b_0
libbrotlicommon	1.0.9	h2bbff1b_7
libbrotlidec	1.0.9	h2bbff1b_7
libbrotlienc	1.0.9	h2bbff1b_7
libclang	12.0.0	default_h627e005_2
libdeflate	1.8	h2bbff1b_5
libffi	3.4.2	hd77b12b_4
libiconv	1.16	h2bbff1b_2
libogg	1.3.5	h2bbff1b_1
libpng	1.6.37	h2a8f88b_0
libsodium	1.0.18	h62dcd97_0
libtiff	4.4.0	h8a3f274_0
libvorbis	1.3.7	he774522_0
libwebp	1.2.2	h2bbff1b_0
libxml2	2.9.14	h0ad7f3c_0
libxslt	1.1.35	h2bbff1b_0
lz4-c	1.9.3	h2bbff1b_1
markupsafe	2.1.1	py310h2bbff1b_0
matplotlib	3.5.2	py310haa95532_0
matplotlib-base	3.5.2	py310hd77b12b_0
matplotlib-inline	0.1.6	py310haa95532_0
mistune	0.8.4	py310h2bbff1b_1000
mkl	2021.4.0	haa95532_640
mkl-service	2.4.0	py310h2bbff1b_0
mkl_fft	1.3.1	py310ha0764ea_0
mkl_random	1.2.2	py310h4ed8f06_0
munkres	1.1.4	py_0
nbclassic	0.3.5	pyhd3eb1b0_0
nbclient	0.5.13	py310haa95532_0
nbconvert	6.4.4	py310haa95532_0
nbformat	5.5.0	py310haa95532_0
nest-asyncio	1.5.5	py310haa95532_0
notebook	6.4.12	py310haa95532_0

notebook	6.4.12	py310haa95532_0	
numexpr	2.8.3	py310hb57aa6b_0	
numpy	1.23.1	py310h6d2d95c_0	
numpy-base	1.23.1	py310h206c741_0	
openssl	1.1.1q	h2bbff1b_0	
packaging	21.3	pyhd3eb1b0_0	
pandas	1.4.4	py310hd77b12b_0	
pandocfilters	1.5.0	pyhd3eb1b0_0	
parso	0.8.3	pyhd3eb1b0_0	
pcre	8.45	hd77b12b_0	
pickleshare	0.7.5	pyhd3eb1b0_1003	
pillow	9.2.0	py310hdc2b20a_1	
pip	22.2.2	py310haa95532_0	
pluggy	1.0.0	py310haa95532_1	
ply	3.11	py310haa95532_0	
prometheus_client	0.14.1	py310haa95532_0	
prompt-toolkit	3.0.31	pypi_0	pypi
prompt_toolkit	3.0.20	hd3eb1b0_0	
psutil	5.9.0	py310h2bbff1b_0	
pure_eval	0.2.2	pyhd3eb1b0_0	
py	1.11.0	pyhd3eb1b0_0	
pycparser	2.21	pyhd3eb1b0_0	
pygments	2.13.0	pypi_0	pypi
pyopenssl	22.0.0	pyhd3eb1b0_0	
pyparsing	3.0.9	py310haa95532_0	
pyqt	5.15.7	py310hd77b12b_0	
pyqt5-sip	12.11.0	py310hd77b12b_0	
pyrsistent	0.18.0	py310h2bbff1b_0	
pysocks	1.7.1	py310haa95532_0	
pytest	7.1.2	py310haa95532_0	
python	3.10.4	hbb2ffb3_0	
python-dateutil	2.8.2	pyhd3eb1b0_0	
python-dotenv	0.21.0	pypi_0	pypi
python-fastjsonschema	2.16.2	py310haa95532_0	
pytz	2022.1	py310haa95532_0	
pywin32	302	py310h2bbff1b_2	
pywinpty	2.0.2	py310h5da7b33_0	
pyzmq	23.2.0	py310hd77b12b_0	
q	2.7	pypi_0	pypi
qt-main	5.15.2	he8e5bd7_7	
qt-webengine	5.15.9	hb9a9bb5_4	
qtconsole	5.3.2	py310haa95532_0	
qtpy	2.2.0	py310haa95532_0	
qtwebkit	5.212	h3ad3cdb_4	
requests	2.28.1	py310haa95532_0	
scikit-learn	1.1.1	py310hd77b12b_0	
scipy	1.9.1	py310h86744a3_0	
seaborn	0.11.2	pyhd3eb1b0_0	
send2trash	1.8.0	pyhd3eb1b0_1	

send2trash	1.8.0	pyhd3eb1b0_1	
setuptools	63.4.1	py310haa95532_0	
sip	6.6.2	py310hd77b12b_0	
six	1.16.0	pyhd3eb1b0_1	
sniffio	1.2.0	py310haa95532_1	
soupsieve	2.3.1	pyhd3eb1b0_0	
sqlite	3.39.3	h2bbff1b_0	
stack-data	0.5.1	pypi_0	pypi
stack_data	0.2.0	pyhd3eb1b0_0	
terminado	0.13.1	py310haa95532_0	
testpath	0.6.0	py310haa95532_0	
threadpoolctl	2.2.0	pyh0d69192_0	
tk	8.6.12	h2bbff1b_0	
toml	0.10.2	pyhd3eb1b0_0	
tomli	2.0.1	py310haa95532_0	
tornado	6.2	py310h2bbff1b_0	
traitlets	5.4.0	pypi_0	pypi
typing-extensions	4.3.0	py310haa95532_0	
typing_extensions	4.3.0	py310haa95532_0	
tzdata	2022c	h04d1e81_0	
urllib3	1.26.11	py310haa95532_0	
vc	14.2	h21ff451_1	
vs2015_runtime	14.27.29016	h5e58377_2	
watermark	2.3.1	pypi_0	pypi
wcwidth	0.2.5	pyhd3eb1b0_0	
webencodings	0.5.1	py310haa95532_1	
websocket-client	0.58.0	py310haa95532_4	
wheel	0.37.1	pyhd3eb1b0_0	
widetsnbextension	3.5.2	py310haa95532_0	
win_inet_pton	1.1.0	py310haa95532_0	
wincertstore	0.2	py310haa95532_2	
winpty	0.4.3	4	
xz	5.2.6	h8cc25b3_0	
zeromq	4.3.4	hd77b12b_0	
zlib	1.2.12	h8cc25b3_3	
zstd	1.5.2	h19a0ad4_0	

Zadanie 2

Link do repozytorium:

<https://github.com/Zuzia01/aibd2022>