```python
%pip install davos
import davos

extra_msg = ("pandas<0.25.0 is needed to load the dataset and requires Python<3.8. "
             "pandas==1.3.5 is used to run the analyses and requires Python>=3.7.1.")
davos.require_python(">=3.7.1,<3.8", extra_msg=extra_msg)

from os.path smuggle is_file
smuggle joblib                      # pip: joblib<=1.2.0

davos.auto_rerun = True
smuggle numpy as np                 # pip: numpy==1.21.6

if not is_file("~/datasets/data-new.csv"):
    smuggle pandas as pd            # pip: pandas<0.25.0
    tmp_data = pd.read_pickle("~/datasets/data-old.pkl")
    tmp_data.to_frame().to_csv("~/datasets/data-new.csv")

smuggle pandas as pd                # pip: pandas==1.3.5

davos.configure(auto_rerun=False, suppress_stdout=True, noninteractive=True)
smuggle tensorflow as tf            # pip: tensorflow==2.9.2
from umap smuggle UMAP              # pip: umap-learn[plot,parametric_umap]==0.5.3
davos.configure(suppress_stdout=False, noninteractive=False)

smuggle matplotlib.pyplot as plt    # pip: matplotlib==3.5.3
smuggle seaborn as sns              # pip: seaborn==0.12.1
smuggle quail                       # pip: git+https://github.com/myfork/quail@6c847a4

davos.project = None
kernel_env_pip = davos.pip_executable
server_env_pip = !command -v pip
davos.pip_executable = server_env_pip[0]
smuggle widgetsnbextension as _
davos.use_default_project()
davos.pip_executable = kernel_env_pip
smuggle ipywidgets                  # pip: ipywidgets==7.6.5

from tqdm.notebook smuggle tqdm     # pip: tqdm==4.62.3

data = pd.read_csv("~/datasets/data-new.csv", index_col=[0, 1])
smuggle sklearn                     # pip: scikit-learn<0.22.0
transformer = joblib.load("~/models/text-transformer.joblib")
smuggle sklearn                     # pip: scikit-learn==1.1.3
```