

Connected to .venv (Python 3.12.0)

```
tips_sex = px.violin(tips, x = "tip", y = "sex")
tips_sex.write_image("outputs/tips by sex.png")
```

NameError: name 'px' is not defined

```
-----
NameError                                Traceback (most recent call last)
Cell In[1], line 1
----> 1 tips_sex = px.violin(tips, x = "tip", y = "sex")
      2 tips_sex.write_image("outputs/tips by sex.png")
NameError: name 'px' is not defined
```

```
import plotly.express as px
from itables import show
```

```
tips = px.data.tips()
show(tips)
```

```
px.violin(tips, x = "tip", y = "sex")
```

Unable to display output for mime type(s): application/vnd.plotly.v1+json

```
tips_sex = px.violin(tips, x = "tip", y = "sex")
tips_sex.write_image("outputs/tips by sex.png")
```

ValueError: Failed to start Kaleido subprocess. Error stream:
/Users/Federica/Desktop/Graph course python/.venv/lib/python3.12/site-packages/kaleido/execu
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```
-----
ValueError                                Traceback (most recent call last)
Cell In[4], line 2
      1 tips_sex = px.violin(tips, x = "tip", y = "sex")
----> 2 tips_sex.write_image("outputs/tips by sex.png")
File ~/Desktop/Graph course python/.venv/lib/python3.12/site-packages/plotly/basedatatypes.py:
 3767 """
 3768 Convert a figure to a static image and write it to a file or writeable
 3769 object
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 3825 import plotly.io as pio
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-> 3827 return pio.write_image(self, *args, **kwargs)
File ~/Desktop/Graph course python/.venv/lib/python3.12/site-packages/plotly/io/_kaleido.py:
    250         raise ValueError(
    251             """
    252 Cannot infer image type from output path '{file}'.
(...)    260         )
    261     )
    262     # Request image
    263     # -----
    264     # Do this first so we don't create a file if image conversion fails
--> 265     img_data = to_image(
    266         fig,
    267         format=format,
    268         scale=scale,
    269         width=width,
    270         height=height,
    271         validate=validate,
    272         engine=engine,
    273     )
    274     # Open file
    275     # -----
    276     if path is None:
    277         # We previously failed to make sense of `file` as a pathlib object.
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File ~/Desktop/Graph course python/.venv/lib/python3.12/site-packages/kaleido/scopes/plotly.py:
    142     raise ValueError(
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    144         "    Supported formats: {supported_formats_str}"
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    149 )
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    151 # response dict, including error codes.
--> 152 response = self._perform_transform(
    153     figure, format=format, width=width, height=height, scale=scale
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157 # Check for export error, later can customize error messages for plotly Python users
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px.violin(tips, x = "tip", y = "sex")
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Unable to display output for mime type(s): application/vnd.plotly.v1+json

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tips_sex = px.violin(tips, x = "tip", y = "sex")
tips_sex.write_image("outputs/tips by sex.png")

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ValueError Traceback (most recent call last)

Cell In[7], line 2

```
1 tips_sex = px.violin(tips, x = "tip", y = "sex")
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ValueError Traceback (most recent call last)

Cell In[8], line 2

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----> 2 tips_sex.write_image("outputs/tips by sex.png")
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tips_sex.write_image("tips_sex_plot.png")

```

```

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-----

```

ValueError Traceback (most recent call last)

Cell In[9], line 1

```
----> 1 tips_sex.write_image("tips_sex_plot.png")
```

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tips_sex = px.violin(tips, x="day", y="total_bill", color="sex")
tips_sex.show()
tips_sex.write_image("tips_sex_plot.png")

```

Unable to display output for mime type(s): application/vnd.plotly.v1+json

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ValueError

Traceback (most recent call last)

Cell In[10], line 3

```
1 tips_sex = px.violin(tips, x="day", y="total_bill", color="sex")
2 tips_sex.show()
```

```
----> 3 tips_sex.write_image("tips_sex_plot.png")
```

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```

```
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261     )
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263     # Request image
```

```
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```

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265     # Do this first so we don't create a file if image conversion fails
```

```
--> 266     img_data = to_image(
```

```
267         fig,
```

```
268         format=format,
```

```
269         scale=scale,
```

```
270         width=width,
```

```
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```

```
272         validate=validate,
```

```
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```

```
274     )
```

```
276     # Open file
```

```
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