```python
import marimo as mo
```

```python
from vega_datasets import data
```

```python
lazy_button = mo.ui.checkbox(label="Lazy Dataframe")
lazy_button
```

<marimo-checkbox data-initial-value='false' data-label='"Lazy Dataframe"' data-disabled='false'></marimo-checkbox>

```python
def format_length(value: float) -> str:
    return f"{value:.1f} cm"

dataframe_transformer = mo.ui.dataframe(
    data.iris(),
    lazy=lazy_button.value,
    format_mapping={
        "sepal_length": format_length,
        "sepal_width": "{:.1f}".format,
    },
)
dataframe_transformer
```

<marimo-dataframe data-initial-value='{"transforms":[]}' data-label='null' data-columns='[["sepalLength","number","float64"], ["sepalWidth","number","float64"], ["petalLength","number","float64"], ["petalWidth","number","float64"], ["species","string","object"]]' data-dataframe-name='"df"' data-total='150' data-page-size='5' data-show-download='true' data-download-csv-encoding='"utf-8"' data-download-json-ensure-ascii='true' data-lazy='false'></marimo-dataframe>

```python
dataframe_transformer.value
```

	sepalLength	sepalWidth	petalLength	petalWidth	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3.0	1.4	0.2	setosa
2	4.7	3.2	1.3	0.2	setosa
3	4.6	3.1	1.5	0.2	setosa
4	5.0	3.6	1.4	0.2	setosa
...	...	...	...	...	...
145	6.7	3.0	5.2	2.3	virginica
146	6.3	2.5	5.0	1.9	virginica
147	6.5	3.0	5.2	2.0	virginica
148	6.2	3.4	5.4	2.3	virginica
149	5.9	3.0	5.1	1.8	virginica

150 rows × 5 columns