Notebook_Test

March 5, 2025

1 My first notebook

```python
import pandas as pd
from itables import init_notebook_mode, show
from IPython.display import display
init_notebook_mode(all_interactive=True)

df = pd.read_csv(r"E:\Work\DataSciencePortfolio\0_Data\0.1_Raw\0.1.
 ↪01_avocado_prices\avocado.csv")
```

```python
# Display info of dataset
show(df.head())   # First 5 rows
display(df.info())   # Column types and missing values
show(df.describe())   # Basic stats for numerical columns
```

```python
show(df)
```

```python
show(
    df,
    maxBytes=0,   # Disable row limit
    column_filters="footer",   # Add search boxes per column
    dom="Blrftip",   # Add buttons for copy/export and entries
    buttons=["copy", "csv", "excel"],   # Enable export options
    classes="display compact",   # Compact styling
)
```

```python
show(
    df.head(20),   # Explicitly limit to 20 rows
    maxBytes=0,   # Still disable row limits (but we already truncated with .
 ↪head())
    column_filters="footer",
    buttons=["copy", "csv"],
    classes="display compact",
)
```