



THE T-DISTRIBUTION

INFERRENTIAL STATISTICS

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L18-t-distribution-exercise.ipynb • empty cell
+ Code + Markdown | ▶ Run All | 🔄 Restart | 🗑 Clear All Outputs | 📊 View data | 📄 Jupyter Variables | 📖 Outline ... Python 3.13.1

The t-Distribution

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```
1 import pandas as pd
2 import numpy as np
3 from scipy import stats
```

```
1 # Load 10-sample transformer voltage dataset
2 df = pd.read_csv(r"raw\transformer-voltage-data-10-samples.csv", delimiter=",")
3 df
```

```
1 # Summary of DataFrame
2 df.info()
```

```
1 # Summary of Statistics
2 df.describe()
```

```
1 # t-critical for two-tailed test
2
```

```
1 # Confidence Interval
2
```