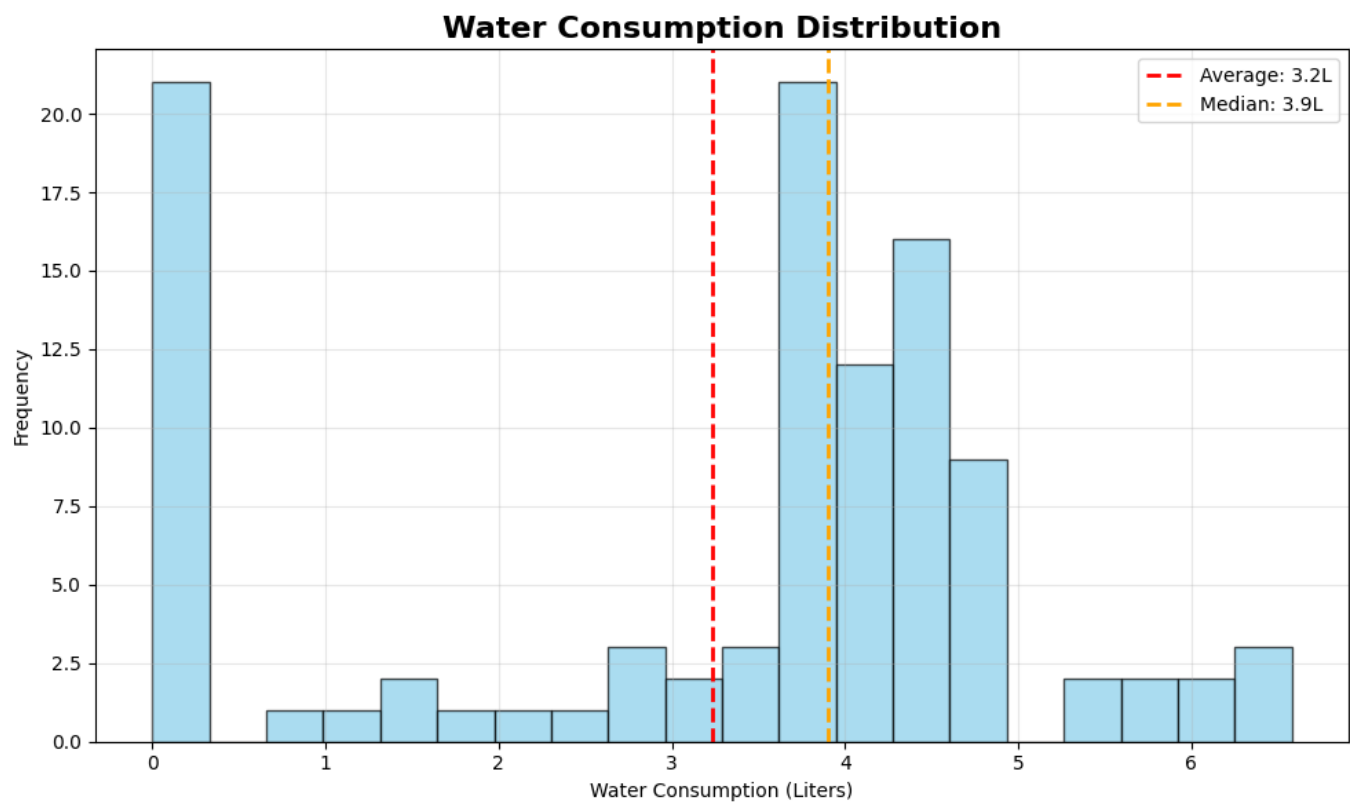# Summary 3.2

Dataset 1

Data from all the claudio dataset

- Water Consumption Statistics:
- Total samples: 103
- Average: 3.2 L
- Median: 3.9 L
- Standard deviation: 1.9 L
- Range: 0.0L - 6.6L
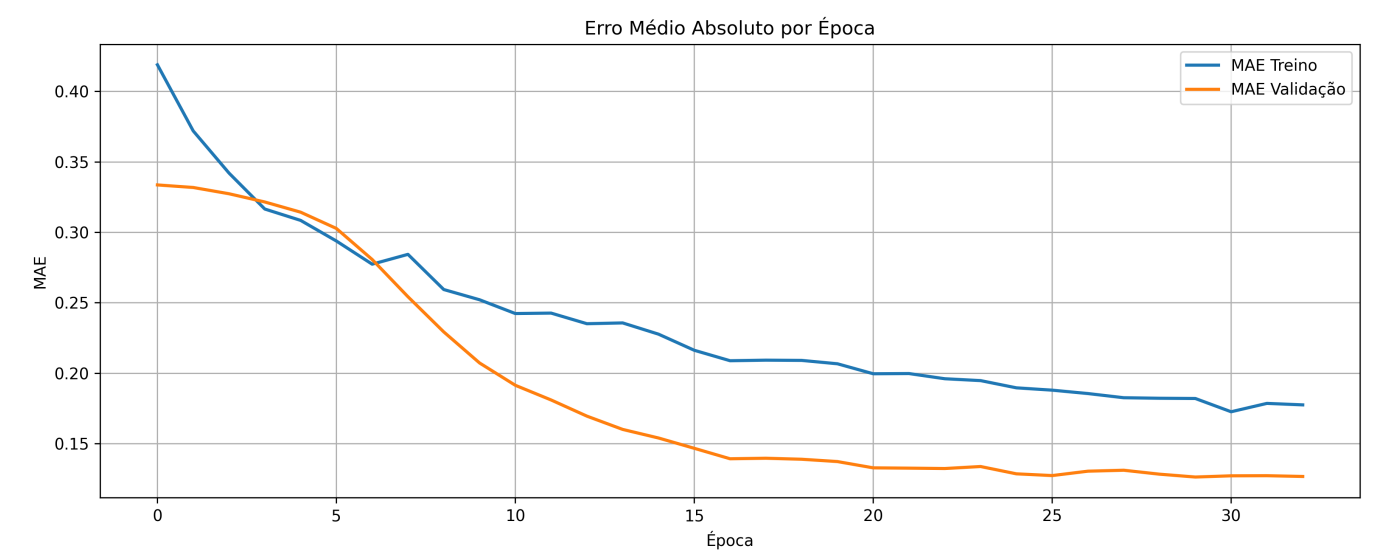- Total consumption: 333.2L

MAE and Val

Test MAE (erro médio absoluto): 0.1156 litros

Validation MAE: 0.1285 litros

Training History:

- Final training MAE: 0.1774
- Final training MAE %: 5.55%
- Final validation MAE: 0.1266
- Final validation MAE %: 3.96%
- Best validation MAE: 0.1262

- Best validation MAE %: 3.94%

Erro Médio Absoluto por Época

Model name

standard: model_improved_3_2.keras

optimized: model_improved_int8_3_2.tflite