

Practical record / Part A

Team alias: _____ Date: _____

Before running

Describe the user, decision time and target. List the allowed features and the reason for excluding the ID and meter.

Evidence table

Baseline validation MAE: _____ kWh

Linear validation MAE: _____ kWh

Inputs changed: _____

Conclusion supported by these numbers: _____

By hand

Actual [100,120,140], predicted [110,115,135]. Write the three absolute errors and mean.

Data quality

Missing input: _____ Training median: _____

Why should the validation median remain unused?

Practical record / Part B

Team alias: _____

Classification

125 kWh label rule means: _____

Probability threshold means: _____

Confusion matrix

TP=18; FP=6; FN=2; TN=74.

Accuracy: _____ Precision: _____ Recall: _____

Explain a missed event: _____

Threshold decision

Validation threshold: _____ Cost assumption: _____

Validation FP: _____ FN: _____ Total cost: _____

Why was the test set kept closed? _____

Tree comparison

Depth: _____ Training F1: _____ Validation F1: _____

One sign of overfitting: _____

Team challenge / Model card

Team alias: _____

Leakage investigation

Suspicious feature: _____

When is it available? _____

Why does the apparent score fail the deployment question?

Frozen choice

Inputs: _____

Model and threshold: _____

Selection based on: _____

Final evidence

Held-out MAE: _____ kWh

TP: _____ FP: _____ FN: _____ TN: _____

One failure and one limitation: _____

My contribution

I personally changed/explained: _____

Individual exit and feedback

Name or college roll (for your teacher only): _____

Five short responses

1. What distinguishes a feature from a target?

2. Why fit imputation on training only?

3. What does a false negative mean in this case?

4. When may we inspect the test set?

5. Why is a perfect leaked score misleading?

Feedback

Most useful activity: _____

Where I need help: _____

Confidence before / after (1–5): _____ / _____

Privacy

Return this sheet directly to the organiser. The public workspace does not collect names, attendance or responses.