The Machine Learning Canvas (v0.4)

Designed for: | Designed by: | Date: | Iteration:

Decisions ⬇

How are predictions used to make decisions that provide the proposed value to the end-user?

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ML task ❓

Input, output to predict, type of problem.

Value Propositions 🎁

prediction story

What are we trying to do for the end-user(s) of the predictive system? What objectives are we serving?

1

Data enrichment 🛢

What enrichments will provide the best value from the raw data?

Data Sources

Which raw data sources can we use (internal and external)?

2

Making Predictions

When do we make predictions on new inputs? How long do we have to featurize a new input and make a prediction?

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Offline Evaluation ✔✗

Methods and metrics to evaluate the system before deployment.

Behavioural approach

Which behavioural approach will provide the most value?

2

4

Features

Input representations extracted from raw data sources.

Building Models ⚙

When do we create/update models with new training data? How long do we have to featurize training inputs and create a model?

4

Live Evaluation and Monitoring

Methods and metrics to evaluate the system after deployment, and to quantify value creation.

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PREDICTION STORIES