Take off-with

Value validation

Characteristics

Deep understanding business Proof-of-value

Goal

Experiment with ideas and check for value and feasibility

Model Development

AutoML

Result

Baseline version model Validated business value

Value optimization

Characteristics

Deep knowledge of AI Business value in production

Goal

Optimization of value and technical improvement of baseline version model

Model Development

Custom

Result

Deployed model in production which is secure, compliant, robust, versioned, explained, etc.

Value Monitoring

Characteristics

Business value retention and guarantee

Goal

Monitoring models in production for possible data or model drift

Model Development

Custom

Result

Model that meets changed circumstances while preserving business value







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Experiment Canvas

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Design	$\cap e \cap$	101

Designed by:

1. Define

2. Plan

3. Evaluate

Learning Goal

What do we need to learn? What is our riskiest assumption? What is our one priority?

Metric

Is it measurable? Qualitative or quantitative? Is it actionable?

AI Experiment

Is it specific? Is it achievable? How will you collect the data?

Timebox

Is the experiment timely? Can we get the data faster? Would less data be sufficient?



Result

What happened? What data did we collect? Anything unexpected?

Hypothesis

Is it relevant to the learning goal?

- the change that you are testing what impact you expect the
- change to have who you expect it to impact
- by how much
- after how long

Ouch... STOP!

If this happens, stop! Experiment is broken, retro!



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Data

Is privacy an issue? Is open data available? Do we need to anonymize?



Next steps

Pivot or preserve? Another experiment for this goal? Do we need to clean up?





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