

UNRAVEL

Machine Learning, Explained

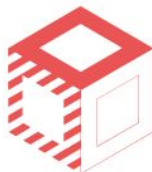
What is UnravelML?

Problem: Machine learning is accessible and accurate, but not easily explained

Solution: Interactively tell the story of ML

- 1) Part storytelling, part automated framework
- 2) Intuitive explanations
- 3) Actionable insights to improve decision making

Result: Machine learning is more admissible and trustworthy



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Product Structure

Primer

A flipbook of resources to give context to machine learning.

We've answered all your questions, from "who uses machine learning" and "what does a data scientist do" to "how do I interpret the results of my model"

- 70+ slides of content over 12 topics
- Rich in images and diagrams
- Simple and intuitive explanations
- 50+ links to external resources

Tutorial

A walkthrough of the machine learning process.

We walk through the Titanic survival problem from end to end, with a focus on the machine learning and interpretability tools introduced in the Primer.

- Optimize a Catboost model
- Assess model accuracy
- Global interpretability demonstration
- Local interpretability demonstration

Tool

A machine learning pipeline to create insight from your own data.

We take your data and apply our end to end solution to solve a supervised classification problem delivered with visualized model evaluation and intuitive insights.

- Batteries included
- Automated model training
- Curated materials
- Asynchronous Execution

Product Demonstration

Architecture



@asynchronous_task



Monitoring



FULL STACK APP WITH



Flask
web development,
one drop at a time

+



+



docker

Questions?



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<i>Location</i>	New York	Michigan	Bay Area
<i>Industry</i>	Insurance	Automotive	Consulting
<i>Background</i>	Engineering, Operations Research	Engineering, Mathematics	Economics, Mathematics

