Exploring Attributions →

Learn how to analyze feature attributions in the What-If Tool.

Related resources and posts

Qwiklabs Quest: Explore Machine Learning Models with Explainable AI.

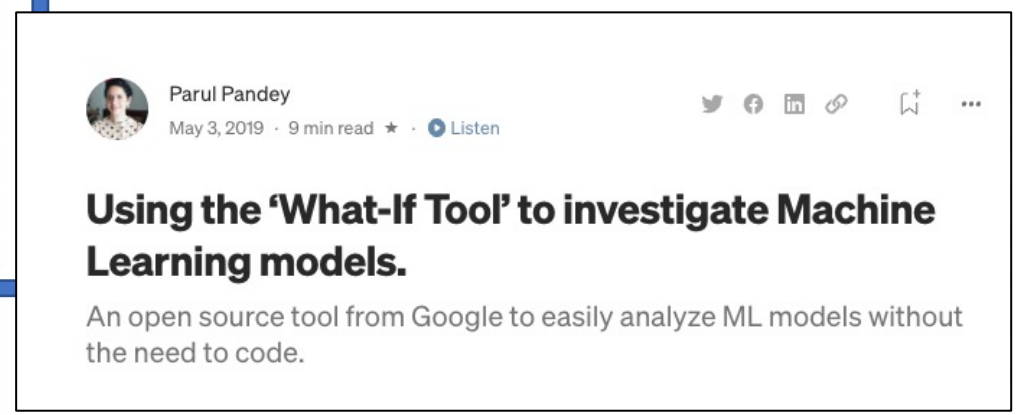
Introductory level, hands-on practice with Explainable AI from Google Cloud.

Launch Quest ↗

Using the 'What-If Tool' to investigate Machine Learning models.

A community-contributed run-through of the features of the What-If Tool.

Go to article ↗



Introducing the What-If Tool

Get familiar with the What-If Tool with a three-part video series.

Watch the videos ↗

What if AI model understanding were easy?

See analytics-for-AI in action as Cassie Kozyrkov walks us through the What-If Tool.

Go to article ↗

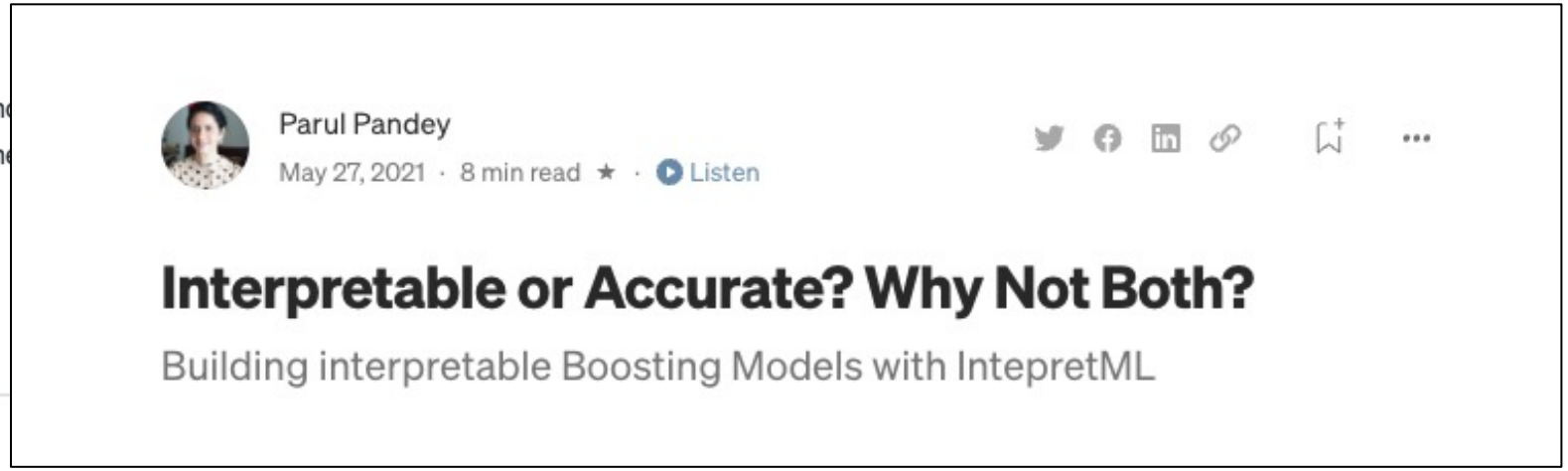
InterpretML - Alpha Release

> **In the beginning machines learned in darkness, and data scientists struggled in the void to explain them.**
>
> **Let there be light.**

InterpretML is an open-source package that incorporates state-of-the-art machine learning interpretability techniques under one roof. With this package, you can train interpretable glassbox models and explain blackbox systems. InterpretML helps you understand your model's global behavior, or understand the reasons behind individual predictions.

Interpretability is essential for:

- Model debugging - Why did my model make this mistake?
- Feature Engineering - How can I improve my model?
- Detecting fairness issues - Does my model discriminate?
- Human-AI cooperation - How can I understand and trust the m
- Regulatory compliance - Does my model satisfy legal requireme
- High-risk applications - Healthcare, finance, judicial, ...



External links

- Interpretable or Accurate? Why Not Both?
- The Explainable Boosting Machine. As accurate as gradient boosting, as interpretable as linear regression.
- Performance And Explainability With EBM

Lux

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Community Contributions

Here are some awesome articles and tutorials written by the Lux community:

- Exploring the Penguins dataset with Lux by Parul Pandey

Community contributions

Here are some blogposts and articles about Modin:

- Anaconda Blog: Scale your pandas workflow with Modin by Vasilij Litvinov
- The Modin view of Scaling Pandas by Devin Petersohn
- Data Science at Scale with Modin by Areg Melik-Adamyan
- Speed up Pandas using Modin by Eric D. Brown, D.Sc.
- Explore Python Libraries: Make Your DataFrames Parallel With Modin by Zachary Bennett
- Get faster pandas with Modin, even on your laptops by Parul Pandey
- How to speedup pandas by changing one line of code by Shrivarsheni
- How To Accelerate Pandas With Just One Line Of Code by Analytics India

Parul Pandey
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- Accessing Formula-1 Race's historical data using Python (medium.com)
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