

REPORT – 26.05

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Overview

During this development cycle, our primary focus was on building a simple and functional user interface using Streamlit. The goal of this interface is to present the outputs of models along with SHAP values for interpretability. This forms the foundation for a tool aimed at analyzing and comparing model behavior across different data inputs.

Current Status

At this stage, the application is capable of displaying results for a single example model. The interface is minimal by design, intended to ensure clarity and ease of navigation while showcasing model predictions and their corresponding SHAP explanations.

Issues Encountered

We encountered a display bug that is currently preventing the "abstract" section from rendering as intended. This section is designed to summarize or provide context about the article or input associated with the model output. Preliminary debugging suggests the issue may stem from internal behavior within the Streamlit library, possibly related to rendering Markdown or dynamic content blocks.

Planned Fixes and Improvements

In the upcoming update, we plan to:

- Resolve the abstract display issue.
- Expand functionality to support multiple articles and corresponding model outputs.
- Improve UI responsiveness and layout as needed.

Next Steps

The next development sprint will focus on:

- Isolating and fixing the rendering bug.
- Scaling the interface to handle multiple models and articles.
- Testing for stability and usability improvements.

We expect these updates to significantly enhance the usability and flexibility of the tool.

UI

