



# Beta Presentation

## Amazon Review Confidence Tool

The Capstone Experience

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*From Students...  
...to Professionals*

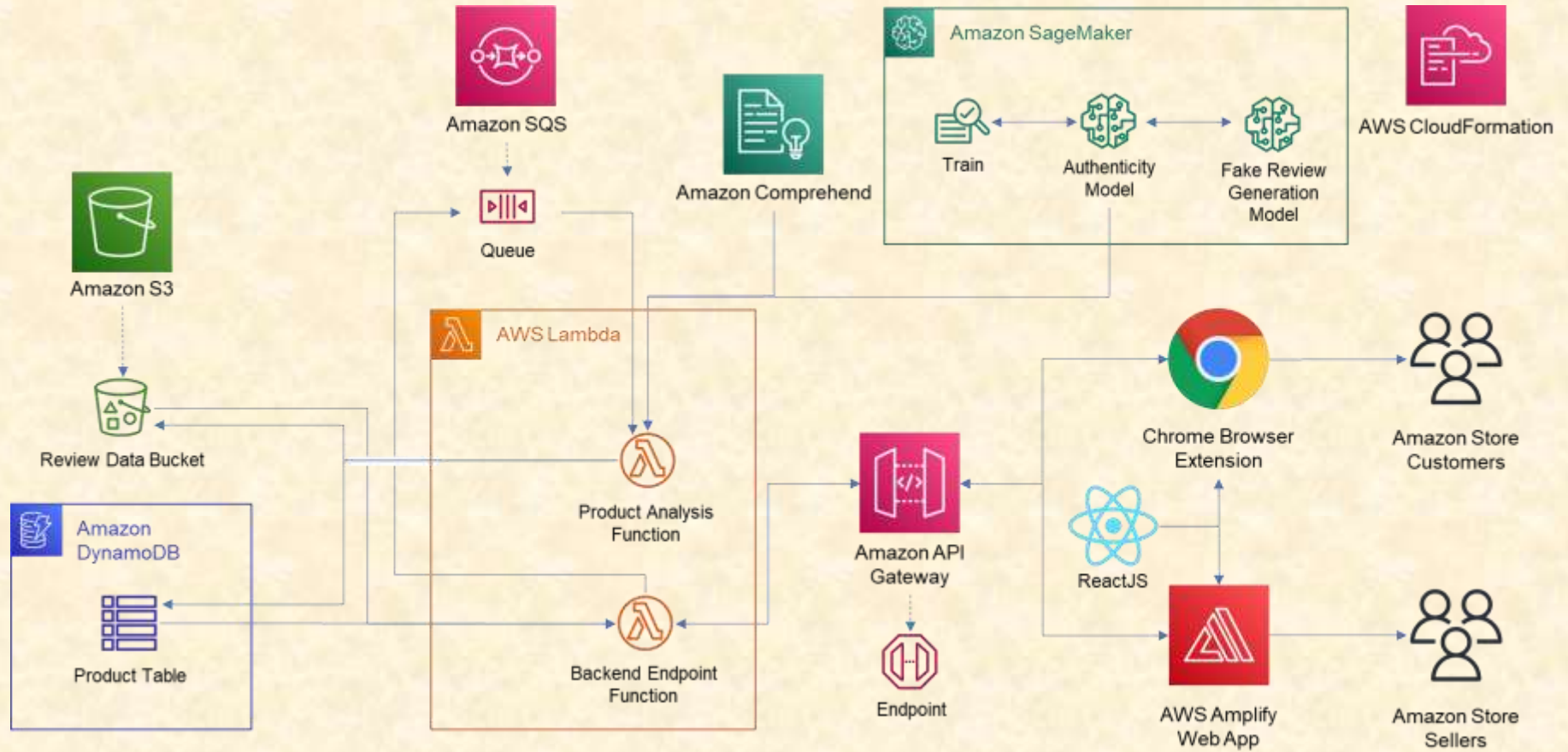
# Project Overview

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- Review Authenticity Tool
  - Analyze Amazon product reviews for authenticity to provide additional trust to the user experience
- Easily Accessible Data
  - Browser extension to quickly display a summary of adjusted review data
  - Web app to provide additional insights



# System Architecture



# Home Page



# Browser Extension

The image shows a screenshot of an Amazon product page for 'Soophen Mens Necktie 3.75\" Tie Solid Color Ties'. The page features a large image of a rolled-up orange necktie. On the right side, there is a section titled 'Adjusted Reviews' which includes a horizontal bar chart showing the distribution of ratings. The chart has two bars for each rating from 1 to 5: a purple bar for 'Original' ratings and an orange bar for 'Adjusted' ratings. The x-axis represents the number of reviews, ranging from 0 to 600. To the right of the chart, a box displays the 'Adjusted Rating' as '3.5 out of 5', based on '680 Original Ratings' and '118 Removed'. Below this, a text box says 'For more information and metrics, visit our web application [here](#).' The bottom right of the page shows the 'Add to Cart' and 'Buy Now' buttons, along with shipping and packaging information.

amazon prime Deliver to Brenda Brighton 48116

Amazon Fashion Women Men Kids Luggage

Soophen Mens Necktie 3.75\" Tie Solid Color Ties

Adjusted Reviews

Adjusted Rating  
3.5 out of 5  
680 Original Ratings  
118 Removed

For more information and metrics, visit our web application [here](#).

Color: 08.orange

FREE Returns

Fit: True to size. Order usual size.

Qty: 1

Add to Cart

Buy Now

Secure transaction

Ships from: Amazon

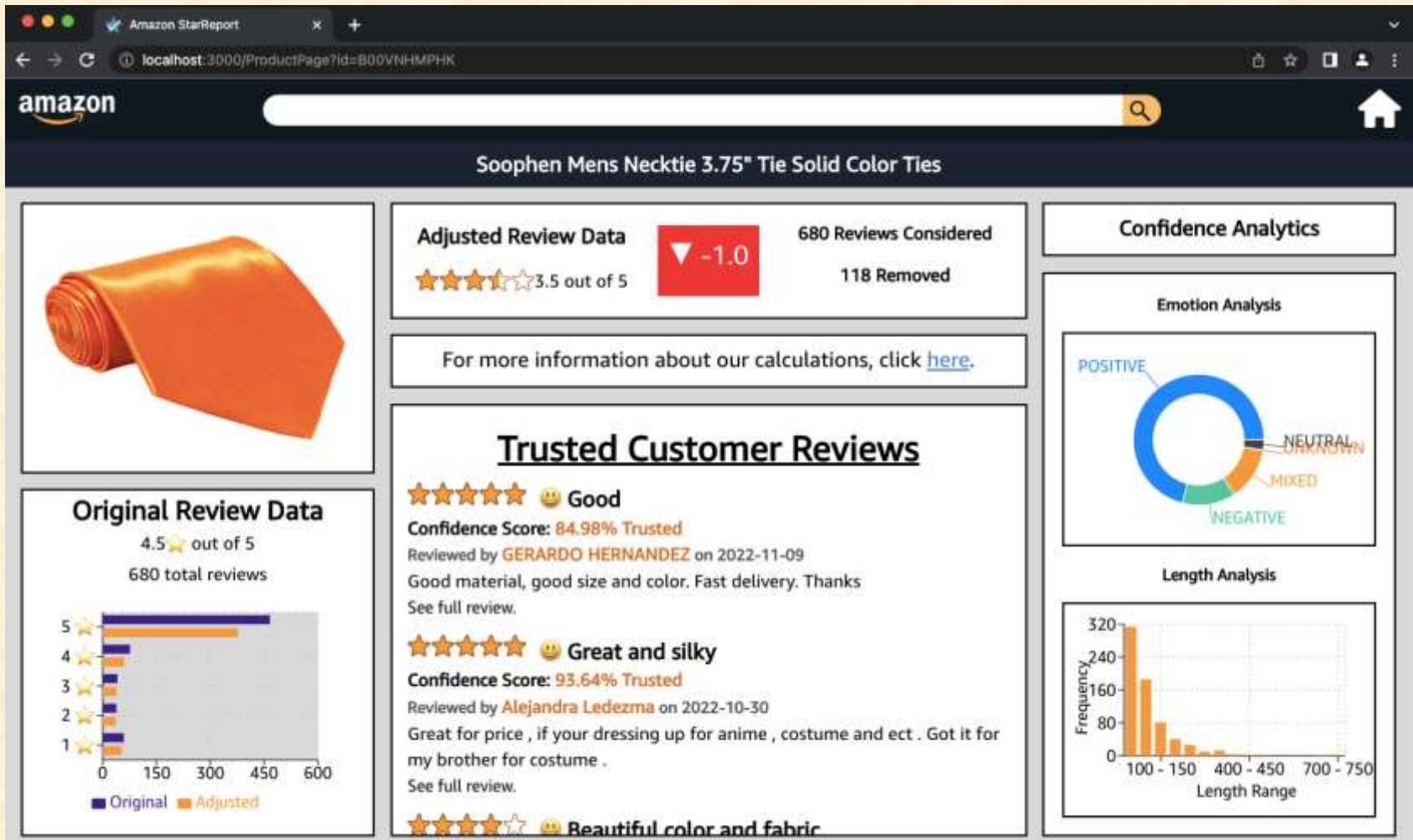
Sold by: Soophen Online Shop

Packaging: Shows what's inside. It...

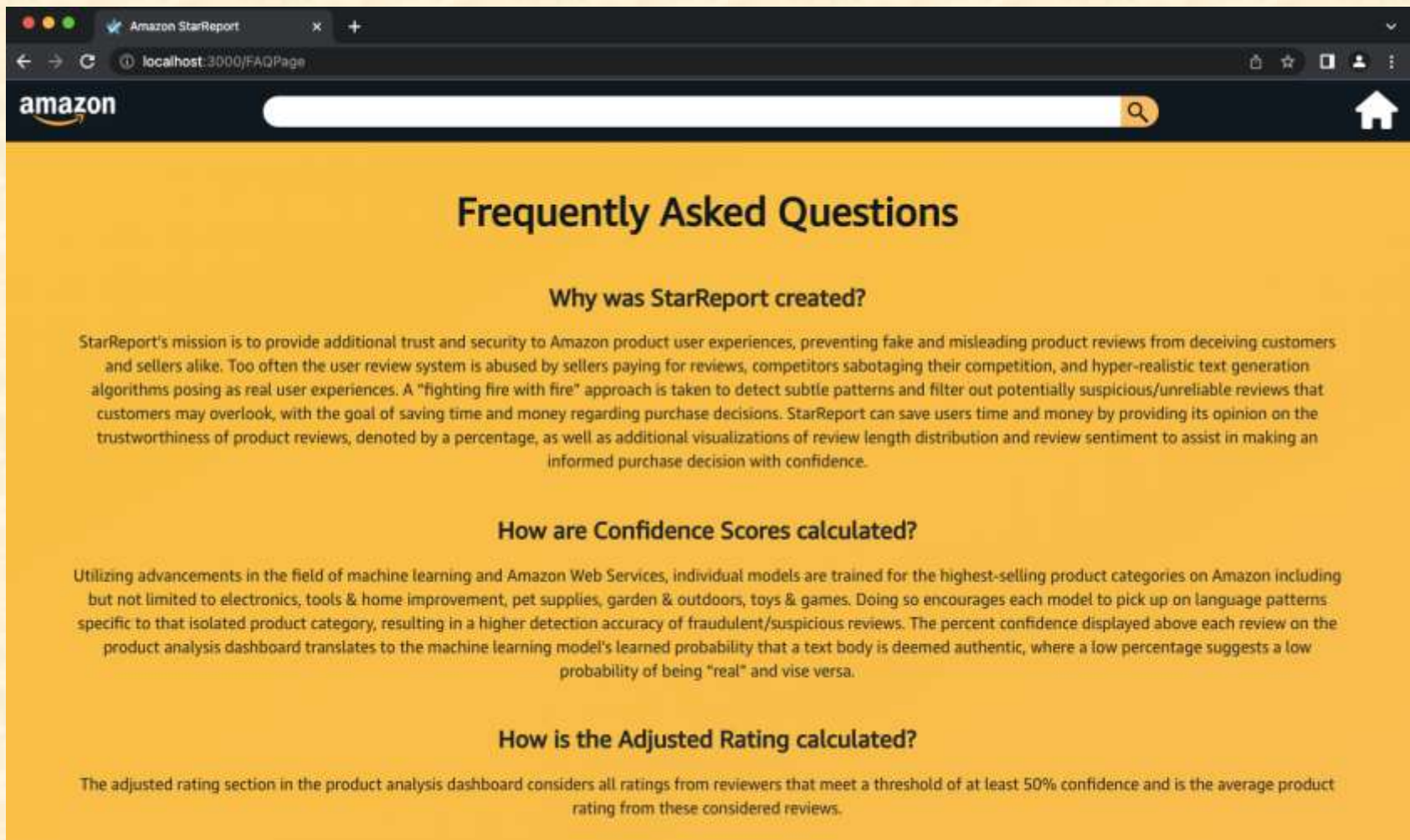




# Product Page



# FAQ Page



# What's left to do?

- Feature Complete
- Stretch Goals
  - Optimizing Product Category Models Accuracy
    - Larger Training Datasets (>40,000)
    - Hyperparameters
  - Sorting Filtered Reviews (least/most confident)
  - Insights into ML Confidence
- Other Tasks
  - Front-End Formatting
  - Expanding FAQ Page





# Questions?

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