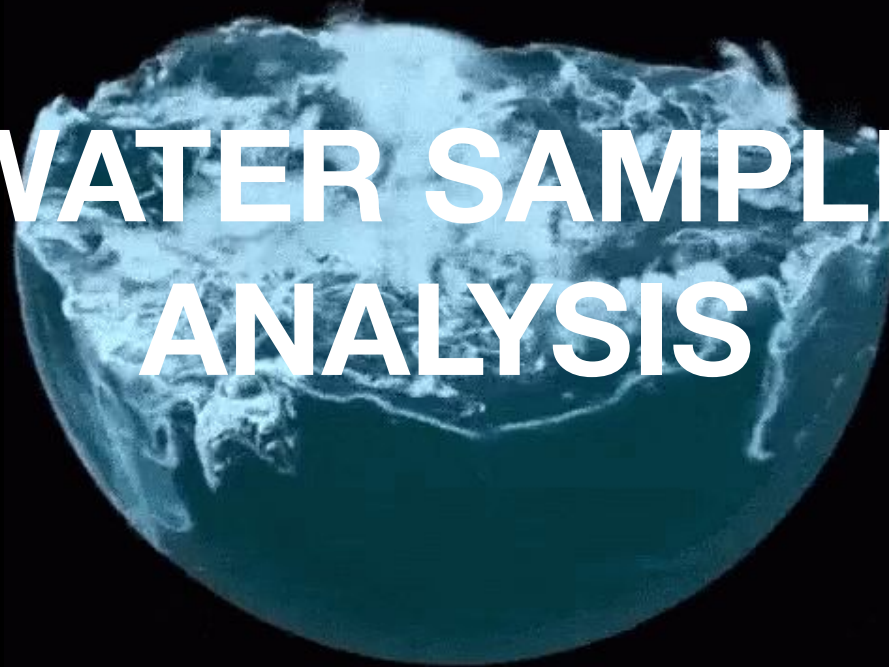


WATER SAMPLE ANALYSIS





Marley Lopez

Favorite child, model train enthusiast.

marleylopez@icloud.com

 0le-worm



AGENDA

Business Overview

Business Findings

Data Overview

Data Analysis

Recommendations

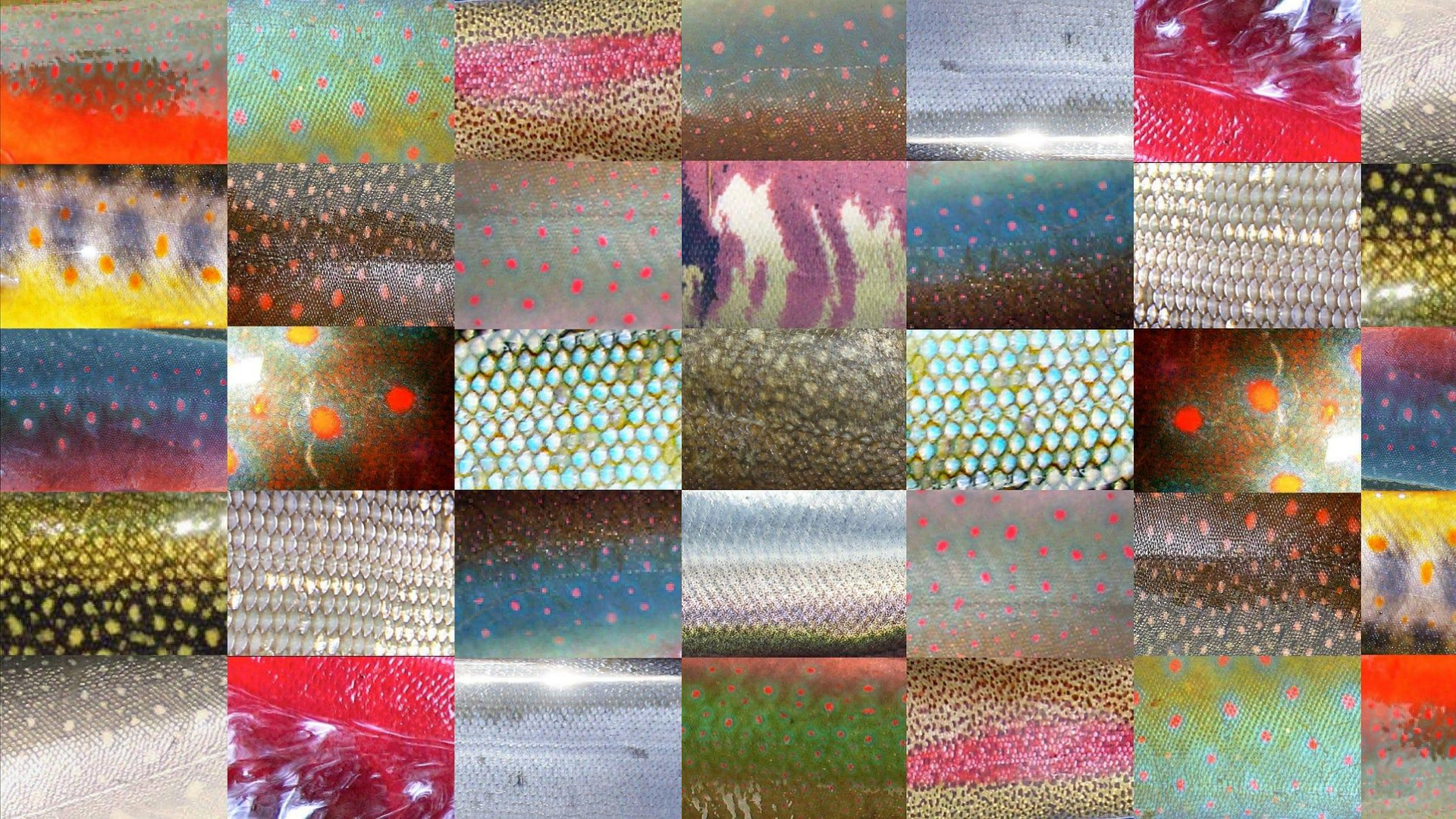
Future Insights



TEXAS

BUSINESS OVERVIEW

**Build a model to predict priority response
based on complaint description provided to
Texan Environmental effort.**



FINDINGS

The background of the slide is a photograph. It shows a dark, craggy rock formation in the foreground, partially obscuring a view of a mountain peak in the distance. A waterfall is visible on the right side of the mountain peak. The sky is a pale, hazy blue.

Our model predicts complaint priority with 88% accuracy.

Concerns surrounded sewage and oil spillage.

DATA OVERVIEW

Dataset:

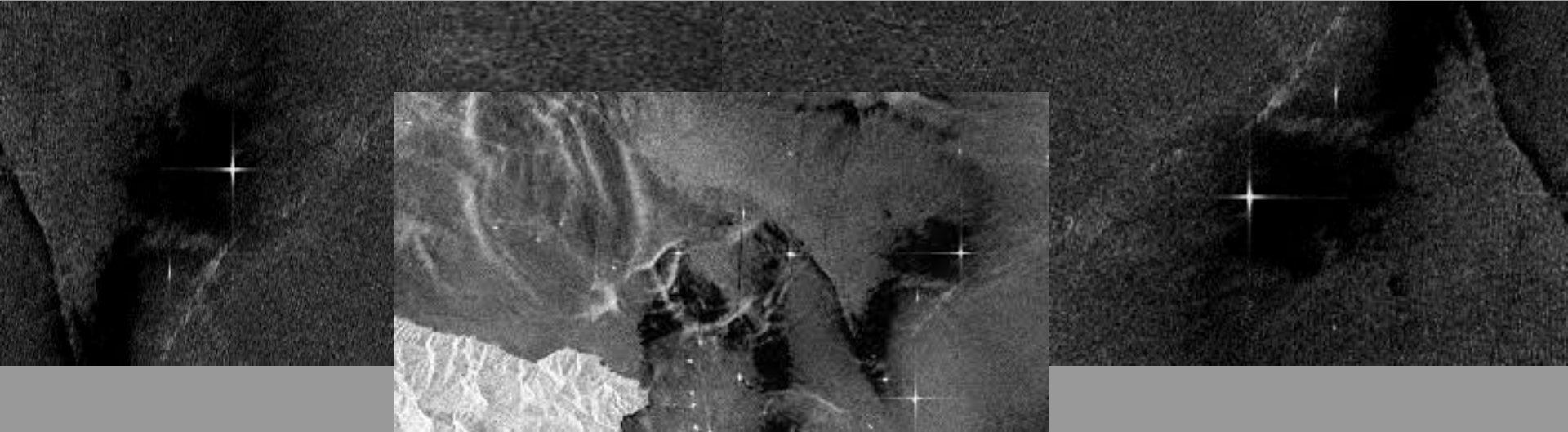
Blah Blah
16,500 Docs

Limitations:

Imbalanced Data
Missing Stuff

Filtering:

Water
Three Priority Statuses





Look at these words.

WordCloud for Low Priority Complaints



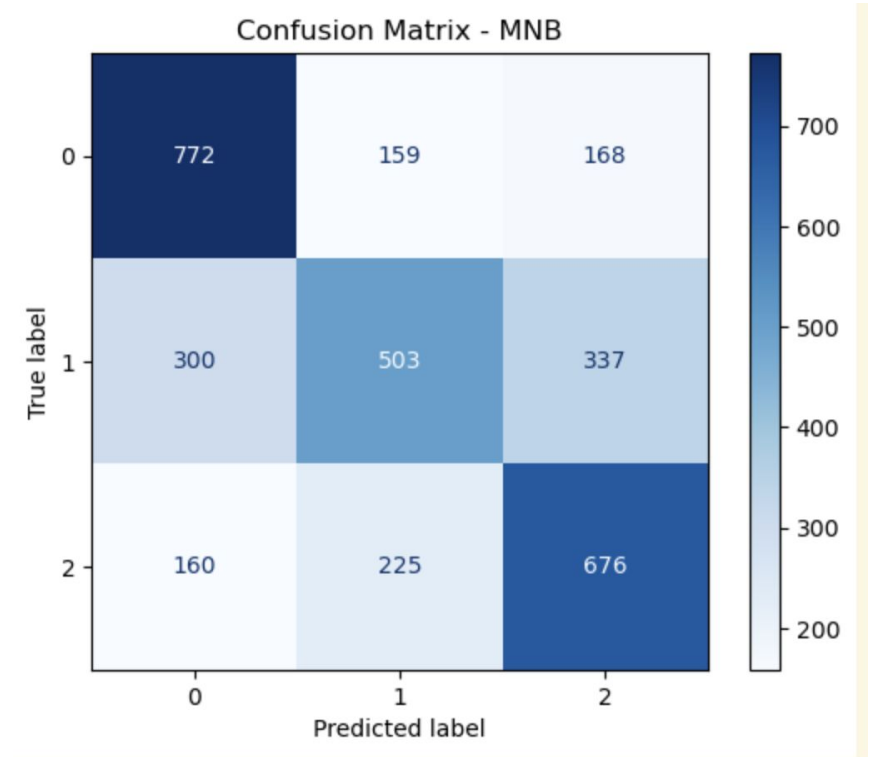
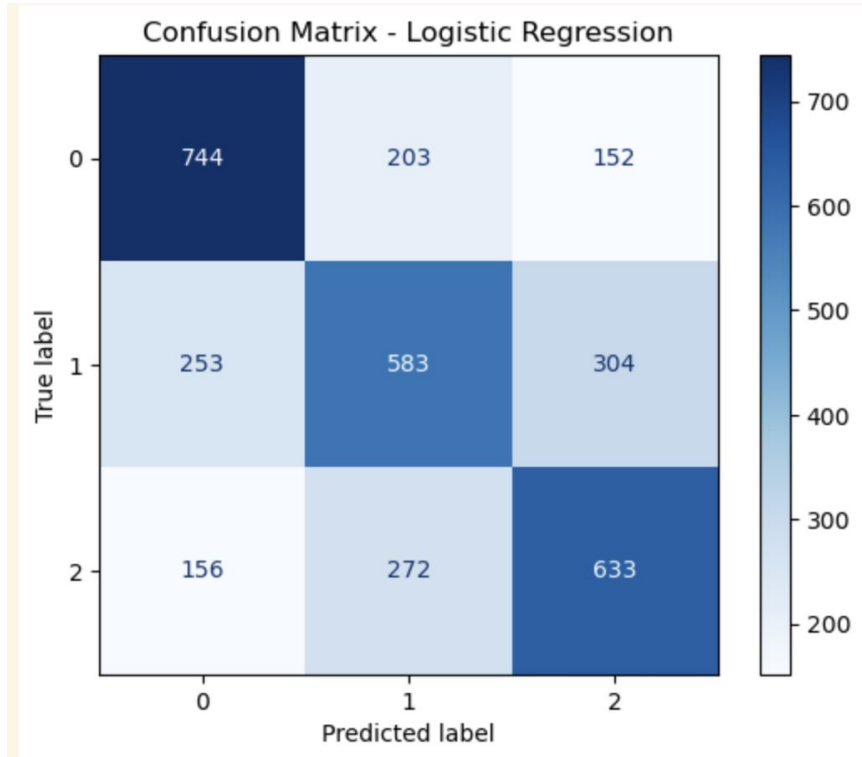
WordCloud for Medium Priority Complaints



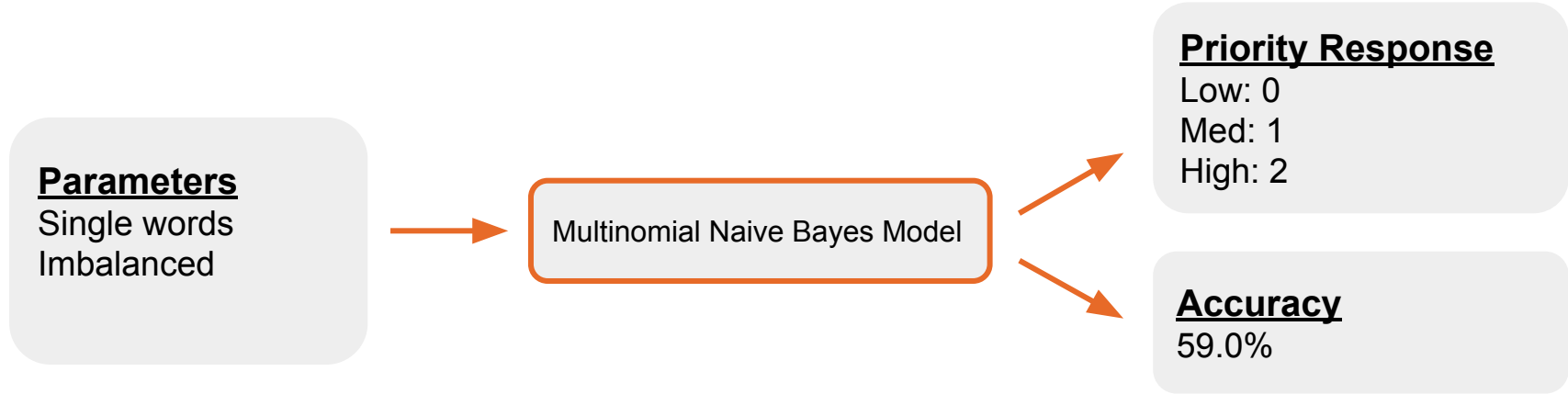
WordCloud for High Priority Complaints



Two models on a deck -- Ooh la la



NLP ANALYSIS



The background is a green marbled paper with a central star-like shape. The marbling consists of various shades of green, from light to dark, with some white and yellow accents. The central shape is a large, irregular star with eight points, outlined in a darker green. The text is centered within this star shape.

RECOMMENDATION

Minimize Sewage Leaks

Expand Budget for White Rock Dredge

Jingle Bell Rock



FUTURE INSIGHTS

Expand Model

Map Complaints

Merry & Bright



Marley Lopez

Most Likely To Become President

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 0le-worm



QUESTIONS?