# [Competitor Name] Rail Riddle Report

## Major Predictions and Approach

What trends or patterns influence rail delays?

What is the reasoning behind your answer?

How robust are these patterns, and how might they be improved?

Some types of delay may be more predictable than others. Which types of delay are most and least predictable?

## Key Features or Metrics

What are the key features or signatures in the data that help us predict rail delays?

Did you use any additional external data?

Did this data improve your ability to predict rail delays?

## Methods and Approach

What is the best analytic approach to take?

If you think machine learning is viable, what type of algorithm would you use?

What did you try?

Did anything not work?

## Data Preparation

Were there any variables or variable sets that required significant cleaning, or contained significant missing values. How would you recommend dealing with these?  
What other sources of data would be most helpful in predicting rail delays?

## Data Understanding

Include 1 or 2 visuals that demonstrate the relationships between variables and the target variable.  
Did you create any other features from the dataset?

## Other Findings

Have you found any other valuable insights from the data?

## Recommendations

What do you recommend as the next steps?  
What information or data is missing that would be needed to develop a machine learning solution?