

# PROJECT 2: PREDICTING PH

DATA 624 - Predictive Analytics

Group 2

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*10 December 2019*

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## 1 Introduction

This project was designed to evaluate a production data set from a beverage manufacturing company. Our goal is to accurately predict the Key Performance Indicator (KPI), PH, through predictive modeling. A score set that consists of 267 cases was also provided and will be used to score our final model.

## 2 Data Exploration

We were provided with a file containing 2,571 rows/cases of data and 33 columns / variables.

### Response Variable

Understanding the influence PH has on our predictors is key to building an accurate predictive model. PH is a measure of acidity/alkalinity that must conform in a critical range.

### Predictor Variables

Text text text.

### Data Transformations

Text text text.

## 3 Predictive Modeling

Text text.

### Train

Train text.

### Test

Test text.

## 4 Model Evaluation

Eval text. The end.