

# Interactive Web Dashboard



Project 3

Team 1  
Data Viz-Wizards

Oleksii Shumskyi, Marceau Augustin,  
Charlie Hinton, Alex Rosenberg,  
Tom Dempsey



# The Data Viz-Wizards Team



**Marceau Augustin**

Database Engineer  
& Wireframes



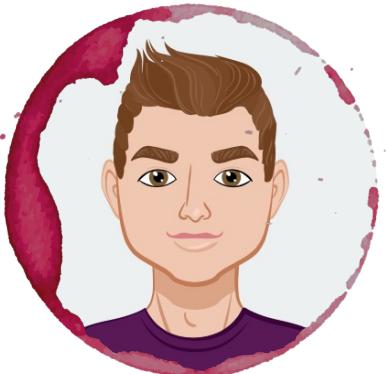
**Charlie Hinton**

Data Viz &  
Web Design



**Oleksii Shumskyi**

Data Viz &  
GitHub Guru



**Alex Rosenberg**

Backend Enablement



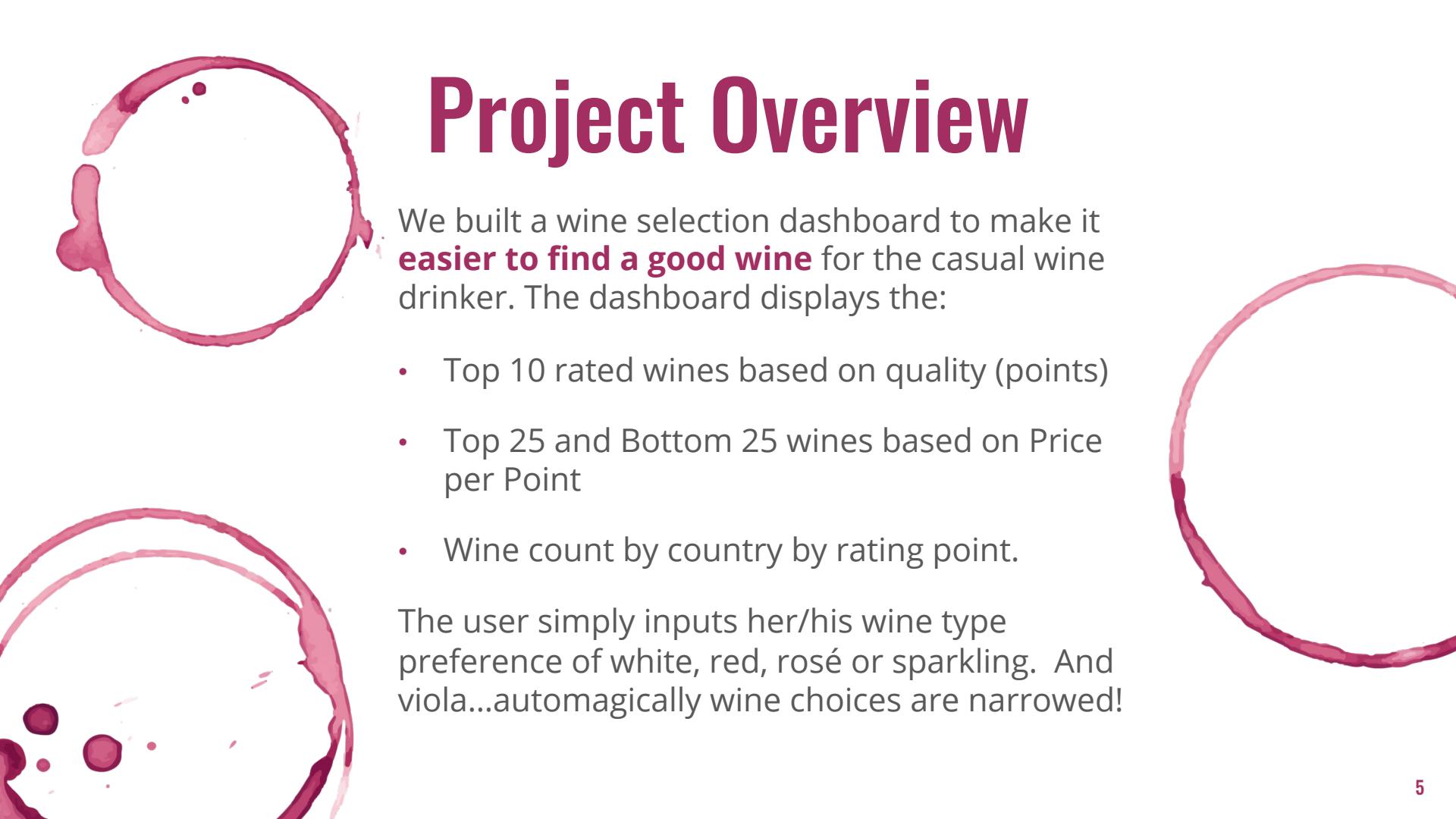
**Tom Dempsey**

Data Analyst

# 02.

# PROJECT OVERVIEW





# Project Overview

We built a wine selection dashboard to make it **easier to find a good wine** for the casual wine drinker. The dashboard displays the:

- Top 10 rated wines based on quality (points)
- Top 25 and Bottom 25 wines based on Price per Point
- Wine count by country by rating point.

The user simply inputs her/his wine type preference of white, red, rosé or sparkling. And viola...automagically wine choices are narrowed!



# 03. DATA DESCRIPTION

The background features stylized, hand-drawn splatters of red wine in various sizes and shapes, centered around the large number.

# 130,000

Data records for wine data scraped from  
Wine Enthusiast in 2017

Available on Kaggle [here](#)

# Data Overview



## Title

Labeled wine name & vintage



## Rating

'Points' as awarded by reviewer



## Description

Reviewer's description of wine



## Reviewer Name

Name of person reviewing the wine



## Twitter Handle

Twitter contact of the reviewer



## Price

Price in USD



## Varietal

Variety of grapes used to make the wine



## Winery

Producer



## Designation

The legally determined and protected wine region



x4

## Country / Region

Winery location across 4 columns, one each for: Country, Province, Region 1 and Region 2



**98K**

Count of wines < \$50



**121K**

Count of wines < \$200



**682**

Count of wines > \$200



# 708

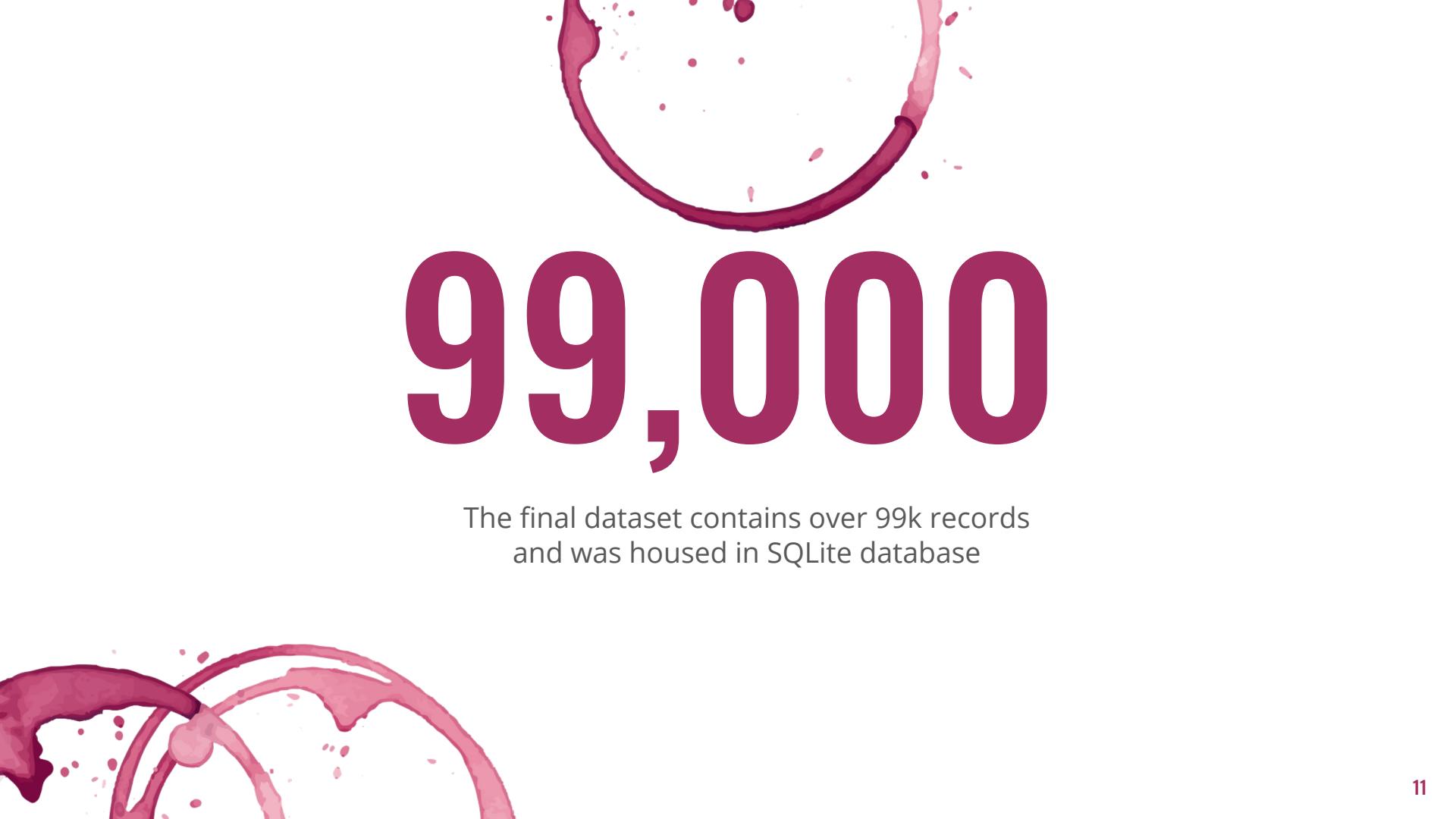
Number of varietals  
in original data set



# 4

Mapped to 4 “types”  
of varietal categories:

- “White”
- “Red”
- “Rosé”
- “Sparkling”

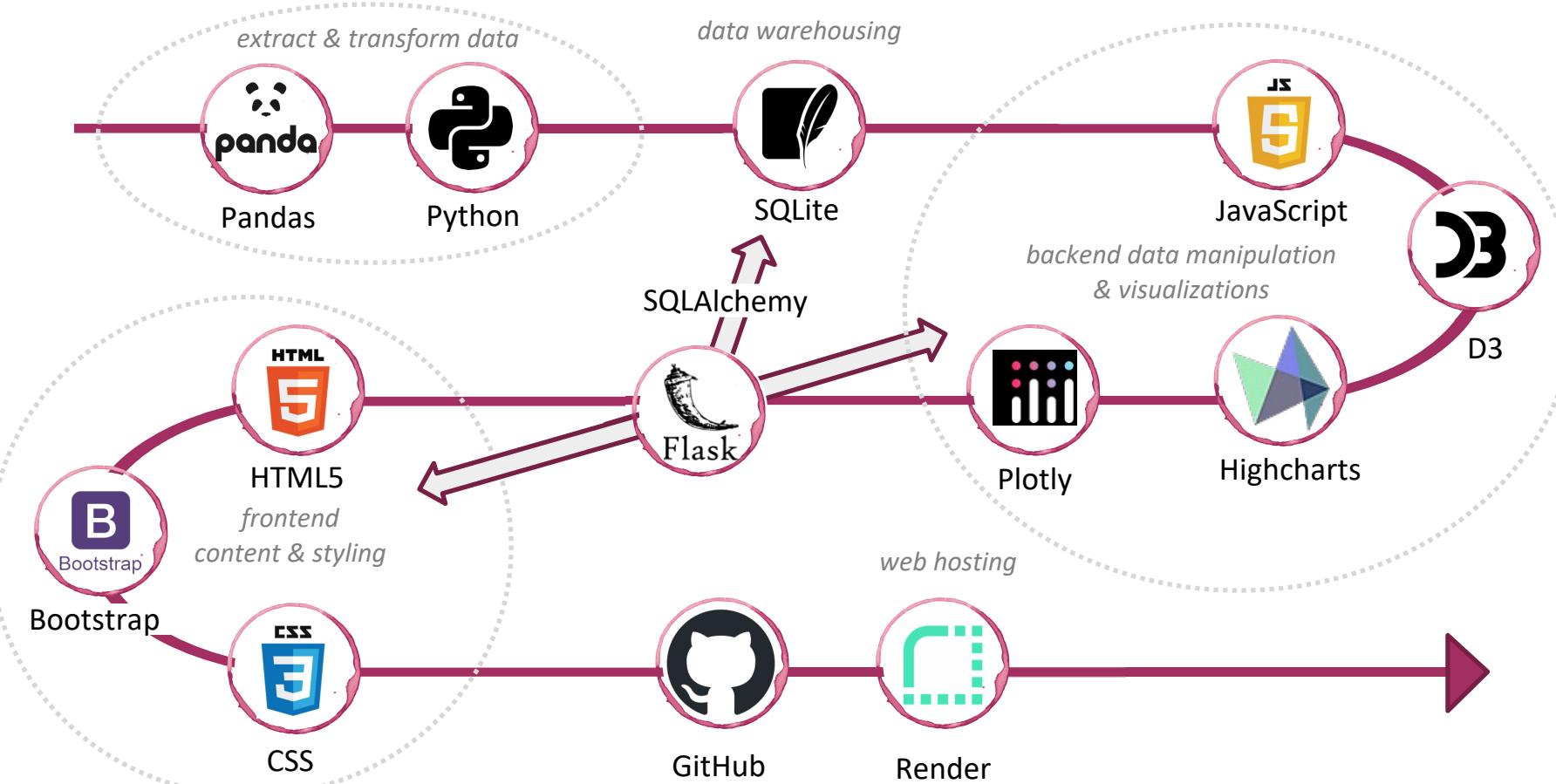
The background features stylized red wine splashes at the top and bottom corners, rendered in a soft, painterly style.

99,000

The final dataset contains over 99k records  
and was housed in SQLite database

# 04. TECH DEPLOYED







# 05. DASHBOARD DEMO

# grape choice

## Wine Selection Dashboard



# ADDITIONAL CONSIDERATIONS

In the future, additional enhancements could include the following:

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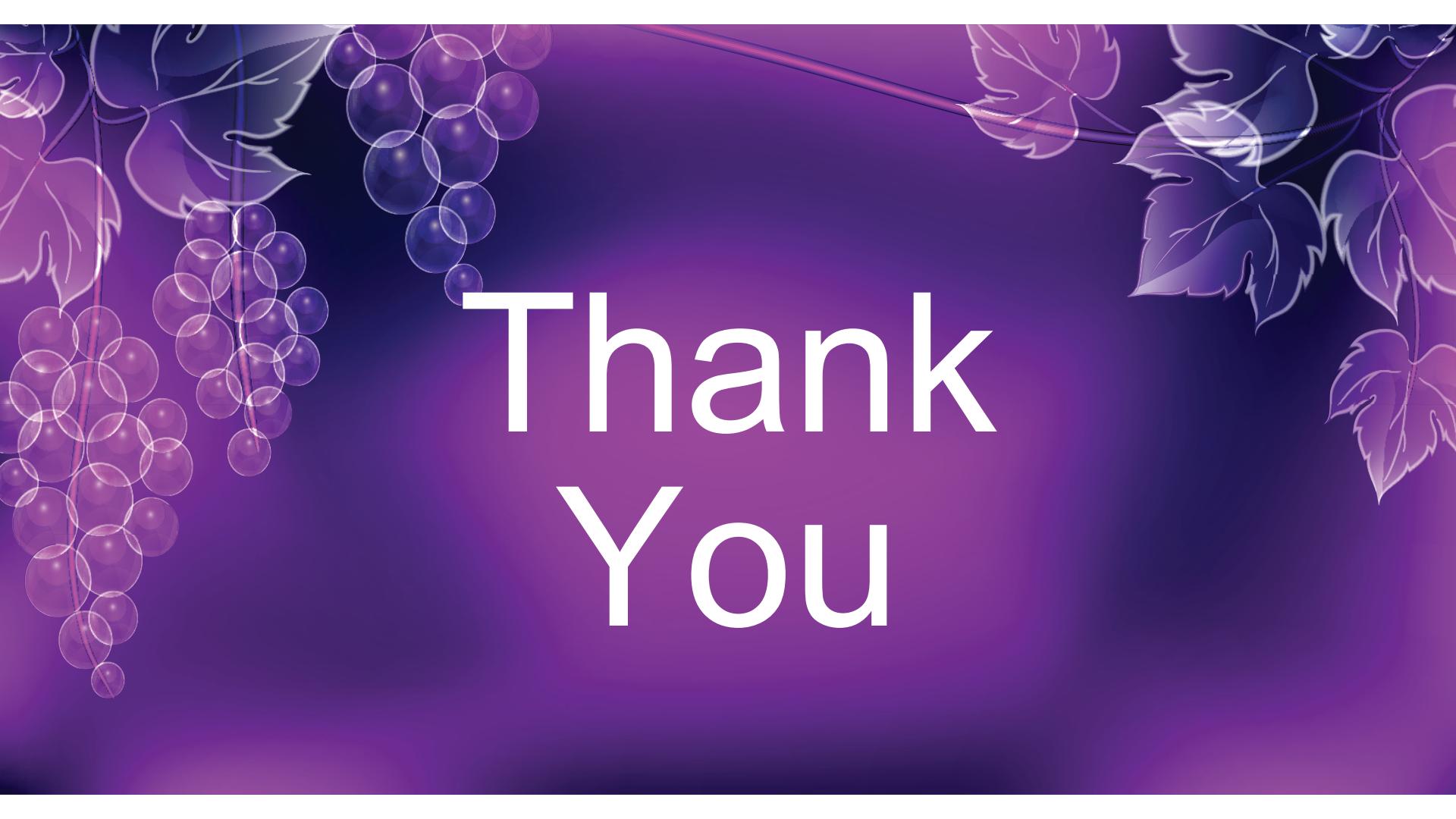
- Additional user selection multi-level dropdowns or slide-scales for price range, wine points and/or province & country
- Machine Learning to predict wine rating based on the data variables
- Deploy a recommendation engine based on finding a new wine similar to another on points and/or description
- Secure more recent data



“Life is too short to drink  
bad wine.”

—Anonymous



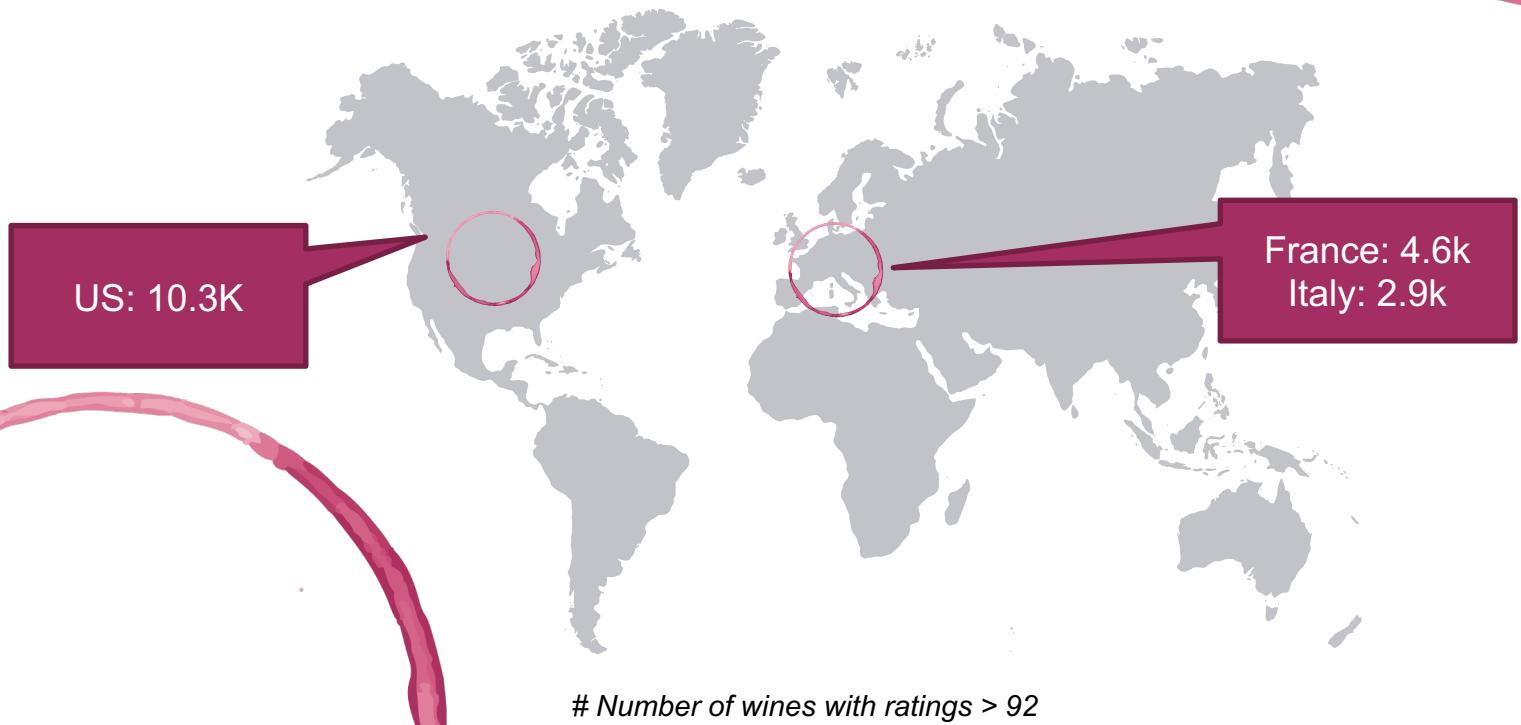


Thank  
You

# APPENDIX



# Countries with the most Top Rated Wines



The background features abstract, expressive red wine splashes and droplets scattered across the dark surface.

“My only regret in life is that I  
didn’t drink more wine.”

—Ernest Hemingway



# AGENDA

01. | Team Introduction

02. | Project Overview

03. | Data Description

04. | Technology Deployed

05. | Dashboard Demo





# Project Overview

Most of us have on occasion been tasked with selecting a bottle of wine for a house-warming gift or holiday party and found ourselves **overwhelmed** by the sheer volume of options on the shelf!

So we set out to build a wine selection dashboard to make it **easier to find a good wine** for the casual wine drinker. The dashboard displays the Top 10 rated wines based on quality (points), the Top 50 wines based on Price per Point and wine count by country by rating point. The user simply inputs her/his wine type preference of white, red, rosé or sparkling. And viola...automagically wine choices are narrowed!