

Interactive Web Dashboard



Project 3

Team 1
Data Viz-Wizards

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Charlie Hinton, Alex Rosenberg,
Tom Dempsey



AGENDA

01. | Team Introduction

02. | Project Overview

03. | Data Description

04. | Technology Deployed

05. | Dashboard Demo

The Data Viz-Wizards Team



Marceau Augustin

Database Engineer
& Wireframes



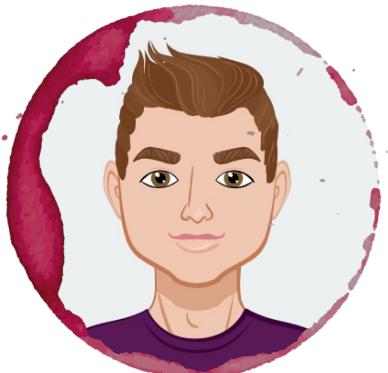
Charlie Hinton

Data Viz &
Web Design



Oleksii Shumskyi

Data Viz &
GitHub Guru



Alex Rosenberg

Backend Enablement



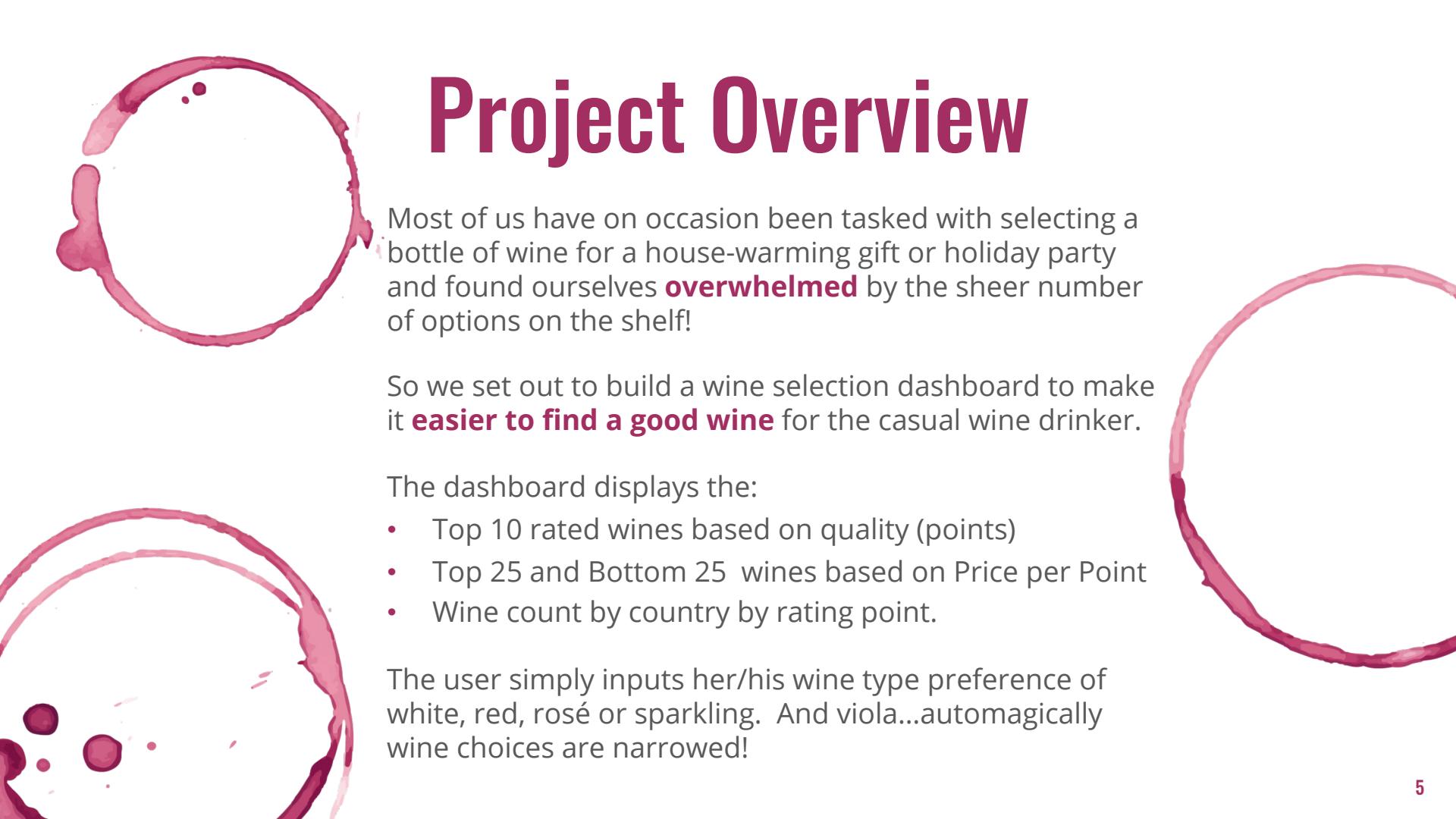
Tom Dempsey

Data Analyst

02.

PROJECT OVERVIEW





Project Overview

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 number 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)
- 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



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

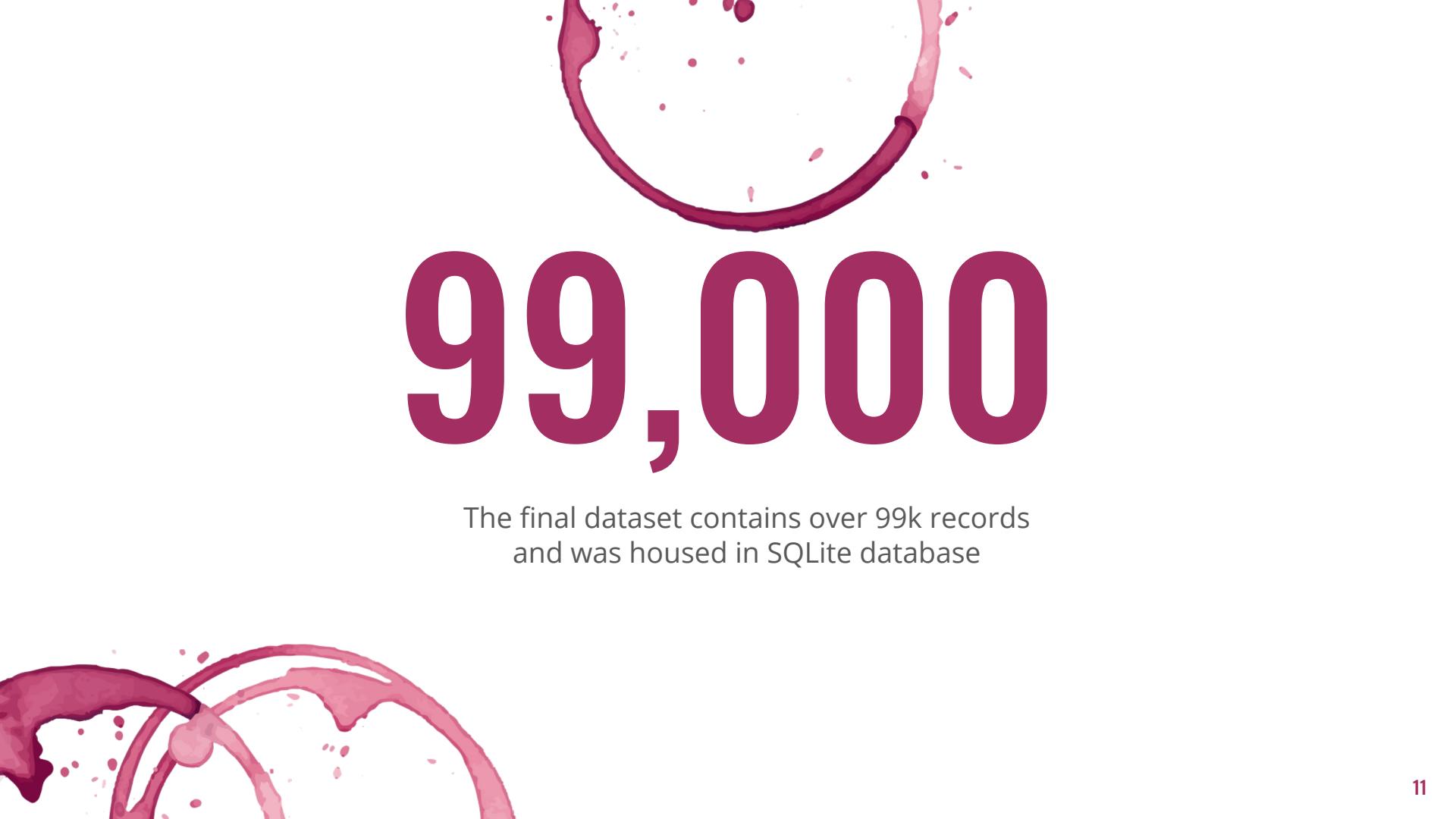
Number of varietals
in original data set



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.

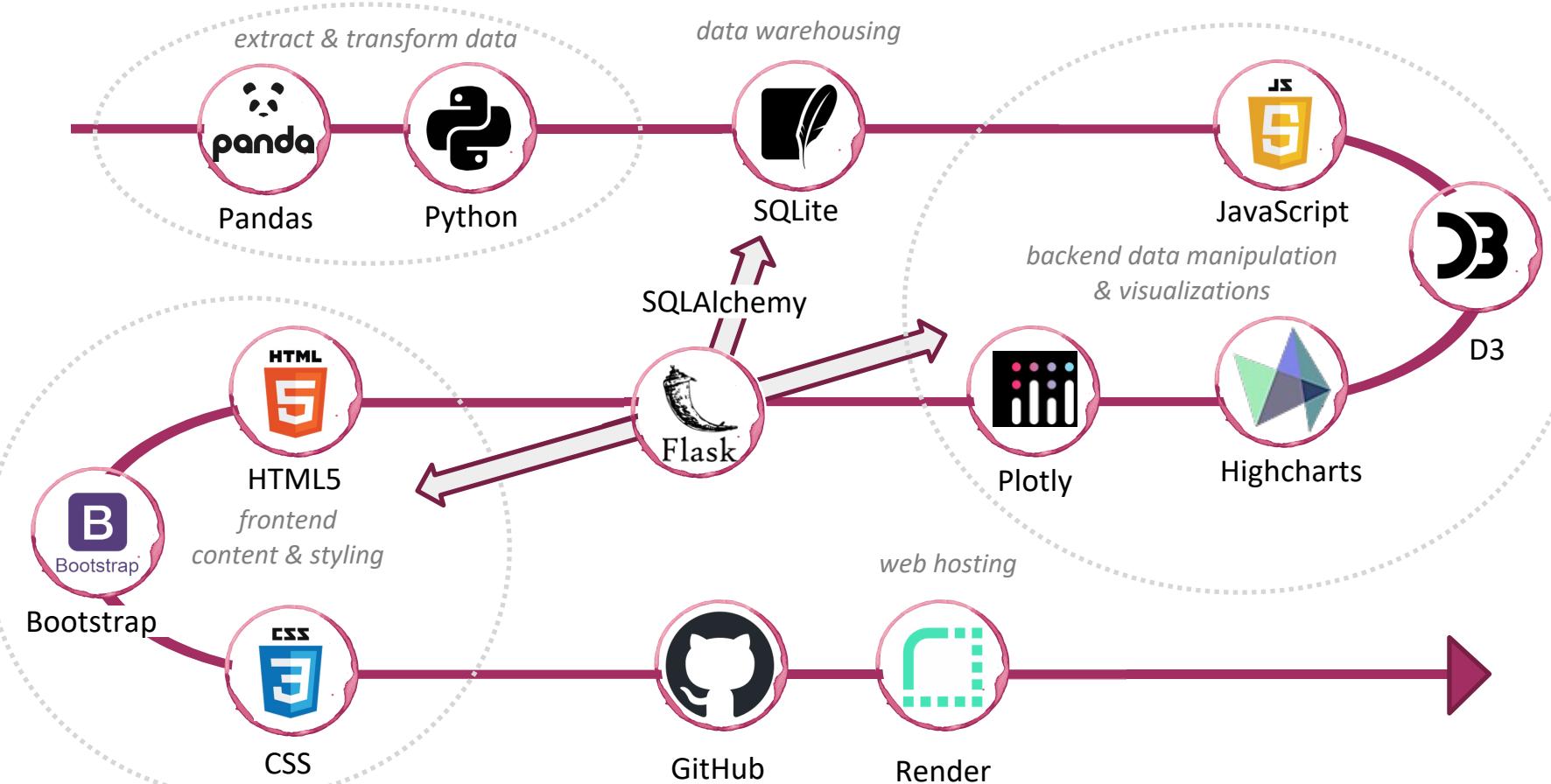
99,000

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

04. TECH DEPLOYED



Technology Deployed





05. DASHBOARD DEMO

grape choice

Wine Selection Dashboard



ADDITIONAL CONSIDERATIONS

In the future, additional enhancements could include the following:

- 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

