

VSA R Training

Week 11

Advanced Data Viz

Part 2

Agenda

1. Housekeeping
2. Example Data Viz with `ggtext`
3. Group work
4. Next week

Housekeeping

1:1 with Charlie

[Book another 1:1 with Charlie in January.](#)

Remaining Schedule

- Week 12
 - Office hours
 - Live session (December 7th)
- Week 13
 - Office hours
 - Last Live session (December 14th)
- Assignments
 - Please submit before end of December

Example Data Viz with ggtext

Example Data Viz with ggtext

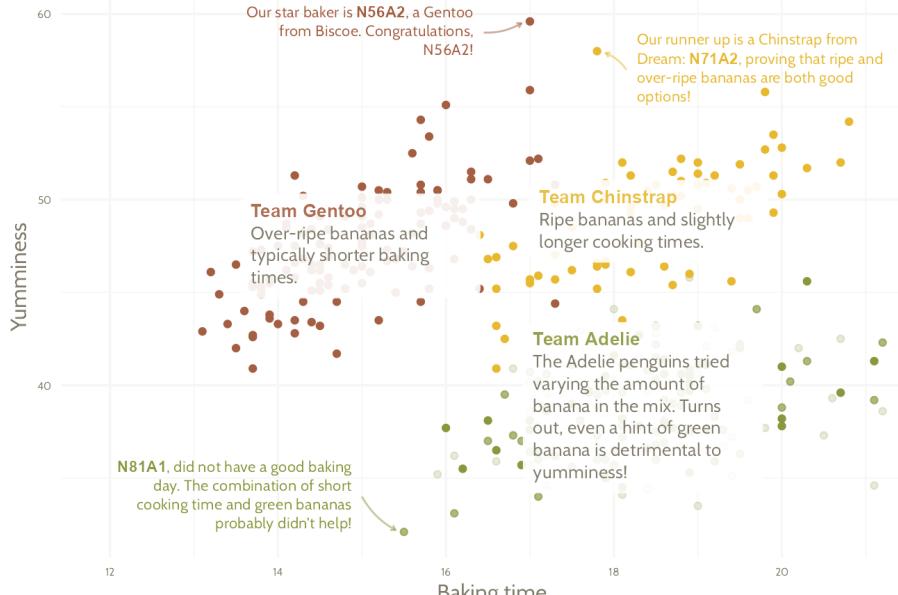
Our colleague Cara Thompson ran an incredible workshop at NHS-R in November 2022 about leveling up your charts [with {ggtext}].

You can watch the video and view Cara's slides [on her website](#).

Let's build a little bit of this chart.

Banana loaf tastes best when baked with ripe or over-ripe bananas

The Palmer Penguins carried out an experiment using bananas of different ripeness. Each penguin was left to choose their own cooking time.



Group work

Group work

Your task is decipher how I made [this graph \(starter code\)](#)

HOW TO READ THIS REPORT

Throughout this report, a series of graphs like the one below are used to show how **Hartford** compares to other towns in the state on a variety of measures.



- Why is the y aesthetic property set to 1?
- What does shape = 124 do?
- What does geom_hline() do in this viz?
- Why do I have to specifically add x axis text using the line theme(axis.text.x = element_text(color = "grey80"))?
- If you have time, make the code into a function that can make this plot for any town in Connecticut (e.g. ct_towns_population_plot(town = "Hartford"))

Next Week

Course assignment: Complete lessons on advanced RMarkdown