



# Zanbato

Trust in Private Markets

This coding challenge is all about finding the nicest weather in the US.

Download the CSV at <https://corgis-edu.github.io/corgis/csv/weather/>. It includes weekly weather recordings from weather stations across the US in 2016. The data has a few errors in it, but it's generally quite clean. We recommend you load it into Excel (or another spreadsheet viewer) to get a feel for the data.

**This coding challenge has 3 parts.**

## **PART 1: Find where and when it was the hottest in the US in 2016.**

Write the code to print out the result with a location and temperature e.g. "90, San Francisco, June 1"

Note that in this dataset, there is actually a tie for the hottest location, so print out all results

## **PART 2: Find the highest wind speed recorded in each state**

Print out each state on a separate line and the highest wind speed e.g. "California: 20"

Note that there are a few errors in how the State was recorded in this dataset, so clean up and coalesce those results

## **PART 3: Find the top 10 nicest places to live**

Come up with your own way of scoring the weather in a location, then print out the top 10 with a corresponding score for that location e.g. "1. San Francisco - 50"

Good weather is subjective, so don't worry about meeting our weather expectations.

Only use the data available in this spreadsheet: do not incorporate outside data in the calculation

## WHAT WE'RE LOOKING FOR

1. Provide your solution both with the **actual code** you ran to get the results and the **printed results**
2. If you run any test cases, feel free to leave that in your code as well
3. Since we will be reading your code, please make sure your code is generally readable. You do not necessarily need to include formatted docs, comments, linting, etc. but use meaningful variable names as you would find reasonable
4. We expect this problem to take about an hour to complete
5. You're welcome to use any language or frameworks you prefer to solve this problem

We will take a look at your work on the coding challenge, and then schedule a review call with an engineer. In that call, we will discuss your code as well as more about Zanbato and the role.

Note that we intend the coding challenge to be considerate of your time, so the coding challenge **replaces** a separate interview. As such, the total time required from you is the same whether you decide to do the coding challenge or not.

Good luck!