

# *Hotel California*

*Where to stay on the best-coast*

Group 4: Stephanie Loomer, Caleigh  
Teahan, Alexis Rangel, Jongwook  
Choe, and Taylor Ward

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# Exploring the Travel APIs



# Initial Hurdle



**Lesson learned:** Double check the API limit.

# Data Preparation

## Extract



First API call:  
Hotels List by Cities

Second API call:  
Avg Price & Guest Rating

## Transform

Data preprocessing :  
30 cities 297 hotels

173 hotels contain price  
info

168 hotels contain price &  
rating

## Load

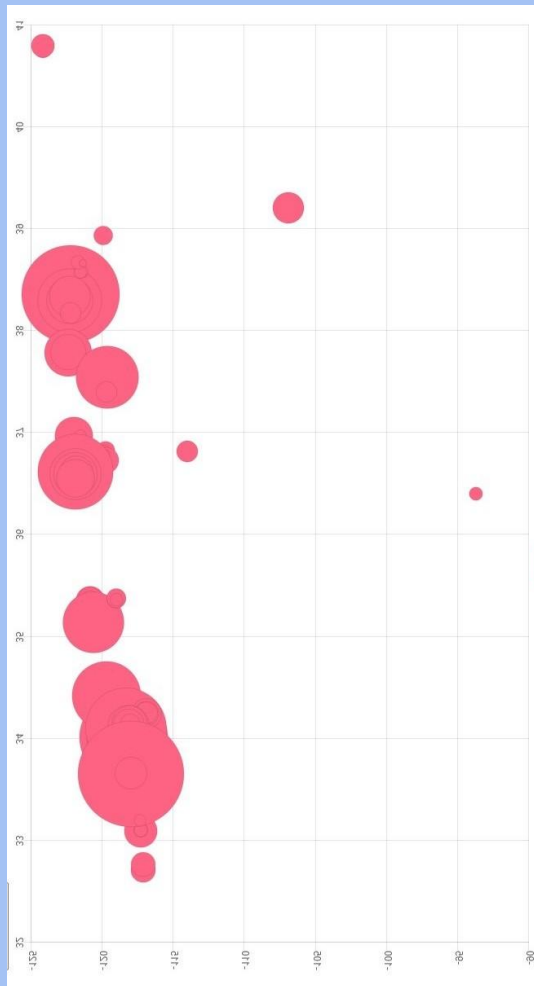
'data/hotel.csv',  
'data/airport.csv',  
'data/hotel\_price.csv',  
**'data/hotel\_final.json'**

Let's take a look !!



# Coincidence? I think not!

Notice how the  
bubbles look like the  
California coast line,  
and the larger  
bubbles align with  
the state's bigger  
cities.







A vibrant outdoor pool scene at a resort. The pool is a clear, bright blue, reflecting the sky and surrounding greenery. Along the pool's edge, there are several lounge chairs with pink cushions and green metal frames. Large green patio umbrellas are open, providing shade. In the background, a two-story building with a terracotta roof and white walls is visible, surrounded by numerous tall palm trees. The ocean is visible in the distance under a clear blue sky. The text "Thank you!" is written in a white, cursive font across the bottom right of the pool.

*Thank you!*