REAL ESTATE
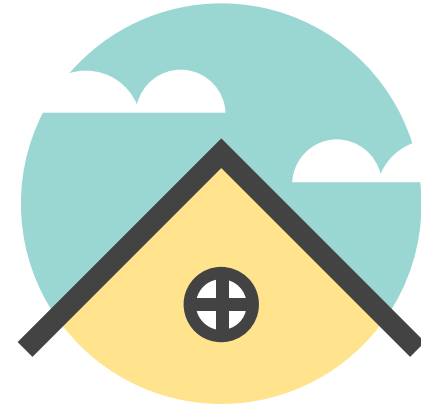## FINDING VALUE

Module 4 SP Data Science
Andro Tikvica

OUR COMPANY

Investment Consultant focused on identifying trends in the Real Estate Markets.
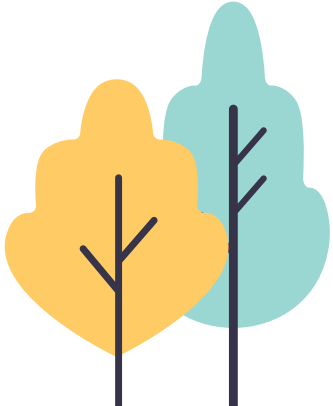
Get yourself on the Property Ladder:

1. Life Long Value

2. Less risk than traditional equity investing

3. Significant appreciation - The 25 year average for Commercial, Residential and Diversified real estate is above 10% a year. (source: Investopedia)

4. And these are averages, with the ability to identify geographic trends you may be able to secure even higher returns

Market Analysis

Hawaii
Remote Working
Year Long Appeal

Time Period
1996 - 2018
Tried and Tested

Property Value
$677,000 (2018)
Large range

INCLUDE THE CRASH
Identify areas that have been historically resilient to crashes

ROI
We are not concerned with the absolute returns of an investment.

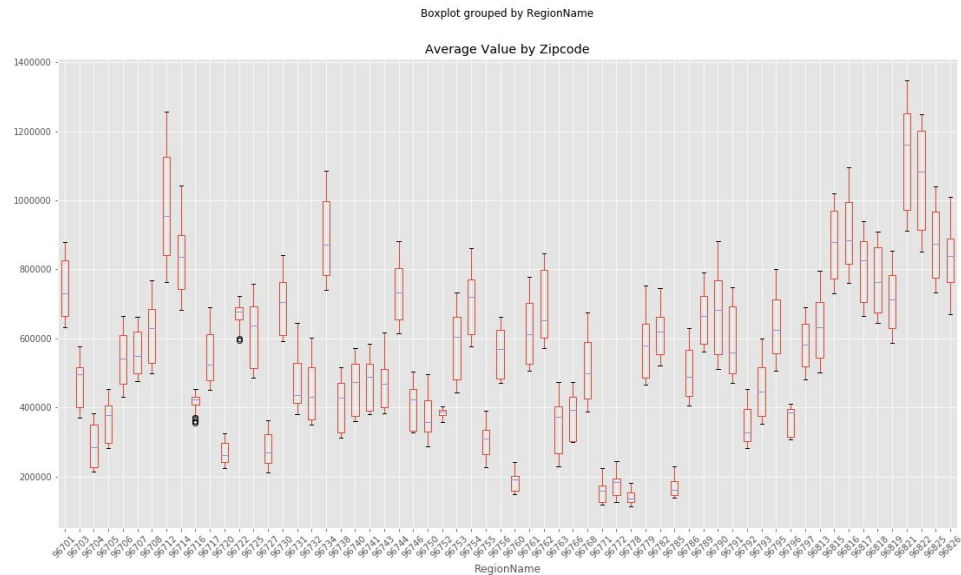## Hawaii

Property prices over time,
vs last ten year average

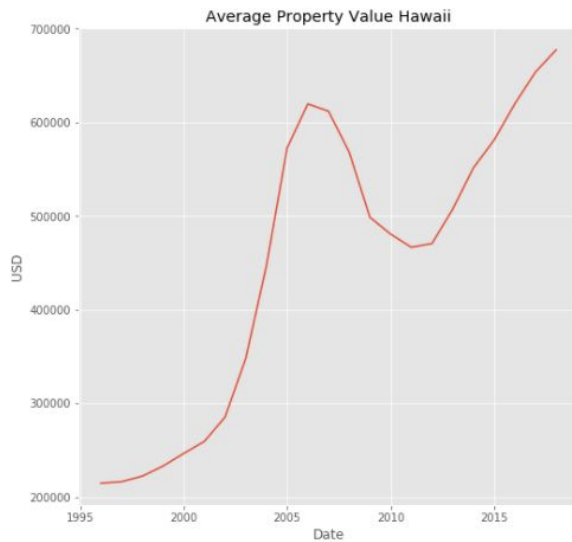Average Property Value Hawaii

Boxplot grouped by RegionName

Average Value by Zipcode

Chart identifying Average Property Values since 2011

#4

96743
Mean: 21.11%
Bull: 41.46%
Bear: 0.77%

#3

96772
Mean: 28.65%
Bull: 55.97%
Bear: 1.33%

#2

96763
Mean: 31.1%
Bull: 59.08%
Bear: 3.12%

The Smart
Choice

#1

96771
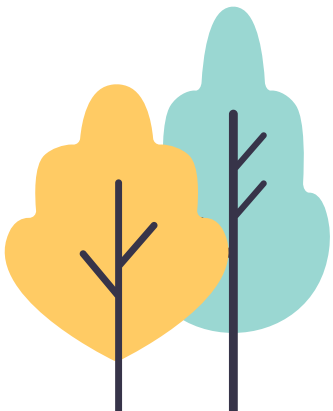Mean: 35.9%
Bull: 87.25%
Bear: -15.45%

High Risk High
Reward

Additional Work

1. Use Facebook's Prophet Time Series Model
2. Run through zip codes across the country
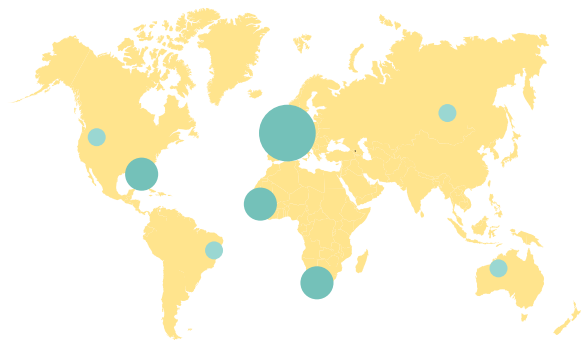3. Adjusting for Inflation

THANK YOU

Any Questions?

Deep Dive

CHARTS

SALES RATE

Legend: 2000-2010 | 2010-2020

Bar chart values (y-axis: 20, 30, 40, 50, 60, 70):

Country	2000-2010	2010-2020
Spain	60	40
England	41	32
USA	45	68
Denmark	37	54
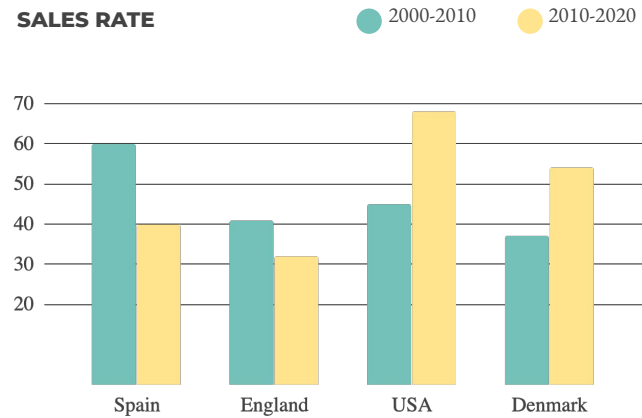
BRANDING

ENGAGEMENT

CONVERSIONS

LOYALTY

NEW CLIENTS