

Data Science Portfolio

DSC96, Spring 2019

Colin Jemmott

Why a portfolio?

- Show, don't tell
- Networking
- The experience problem



Jordan

@jordan_stratton



ENTRY LEVEL JOB OPENING:

Hiring recent college grads

REQUIREMENTS:

5 years of experience, 6 Olympic gold medals, and superpowers.



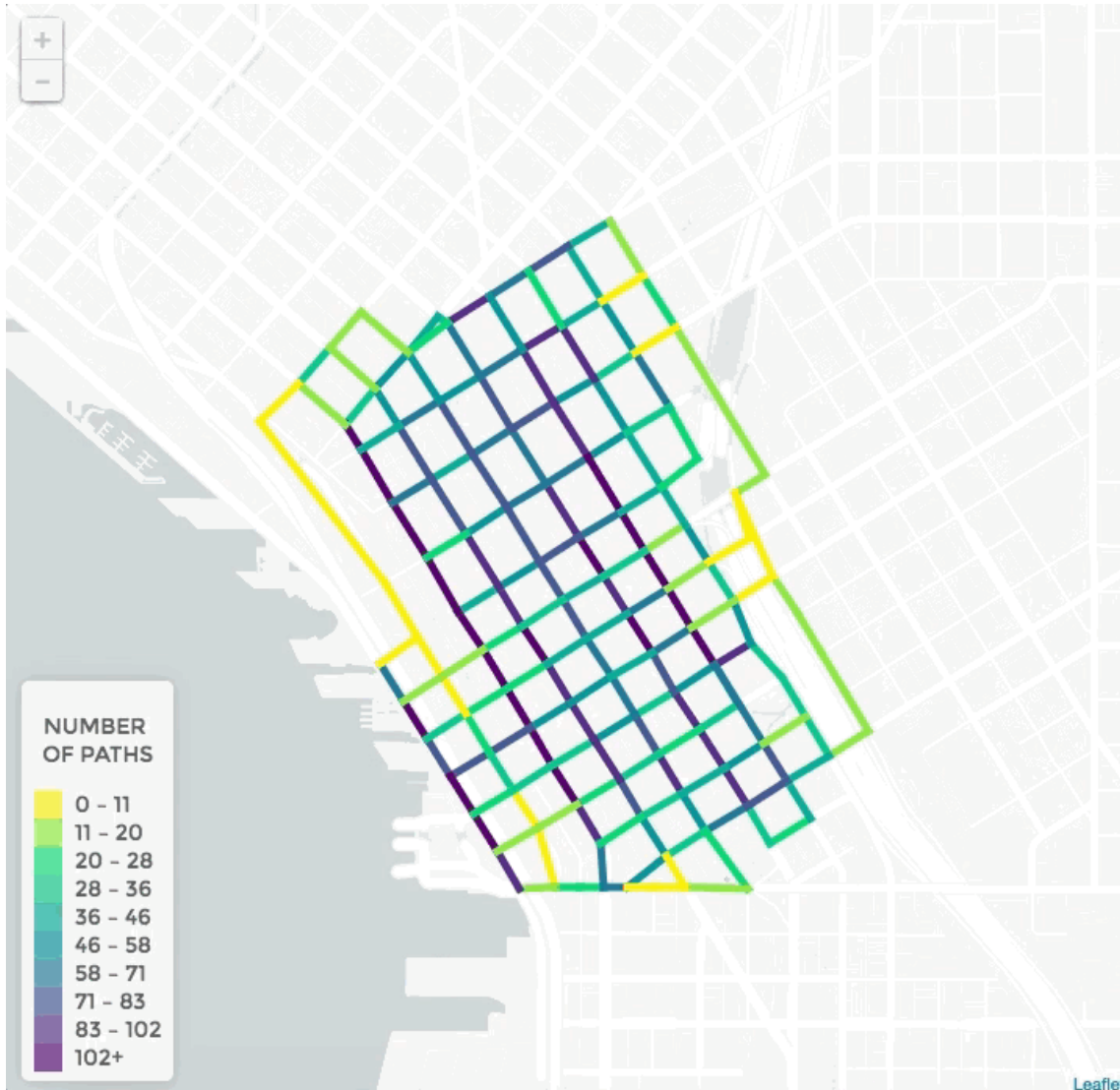
Jacqueline Nolis

I want to hear about a project they've worked on recently. I ask them about how the project started, how they determined it was worth time and effort, their process, and their results. I also ask them about what they learned from the project. I gain a lot from answers to this question: if they can tell a narrative, how the problem related to the bigger picture, and how they tackled the hard work of doing something.



William Chen

I love projects where people show that they are interested in data in a way that goes beyond homework assignments. Any sort of class final project where you explore an interesting dataset and find interesting results... Put effort into the writeup... I really like seeing really good writeups where people find interesting and novel things...have some visualizations and share their work.



CRUISING IN DOWNTOWN SEATTLE

As part of The Data Science for Social Good Program at The University of Washington, the Traffic Cruising Team has produced a heatmap to identify cruising in the downtown Seattle area.

SELECT TYPE OF CRUISING

PARKING

FOR HIRE VEHICLES

SELECT DAY

MON

TUE

WED

THR

FRI

SAT

SUN

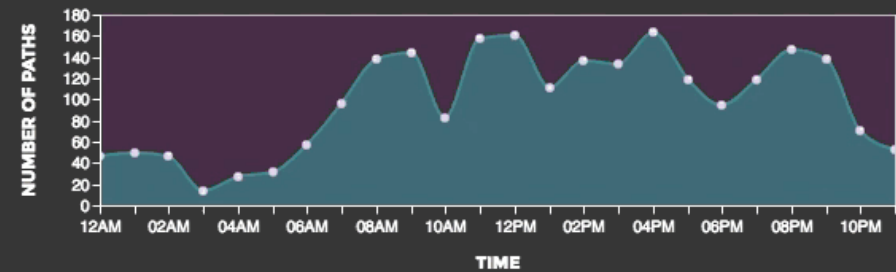
SELECT TIME

ALL DAY

MORNING

MIDDAY

EVENING



Have a professional online presence

Github

LinkedIn

Medium

Twitter

Kaggle

Tableau
Public

Independent
website

Scott Cole

personal webpage

[Home](#)[Blog](#)[Burritos of San Diego](#)[CV](#)[Data projects](#)

I'm a PhD student studying [neuroscience at UC San Diego](#) and working in the [Voytek lab](#) studying brain rhythms. Specifically, I am working on a new analysis framework to extract more information from neural signals by parametrizing the waveform shapes of the brain rhythms. You can learn more about this in our recent [review](#) and [methods paper](#).

Otherwise, my main passion is in uncovering trends in data. Though I hope I'll be able to apply these skills to improving public good in the future, you can [see a list of my projects here](#) ranging from burritos to text mining to police misconduct ([CV](#), [resume](#)).



Search or jump to...



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Scott Cole

srcole

Neuroscience PhD student & Data
scientist

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Empirical mode decomposition tutorial

● Jupyter Notebook ★ 11 🍴 1

[qwm](#)

Miscellaneous code re
purposes

● Jupyter Notebook

[fxml](#)

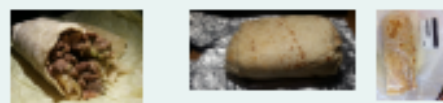
Machine learning algorithms for Forex trading

● Python ★ 6

[burritos](#)

Analysis of burritos ac

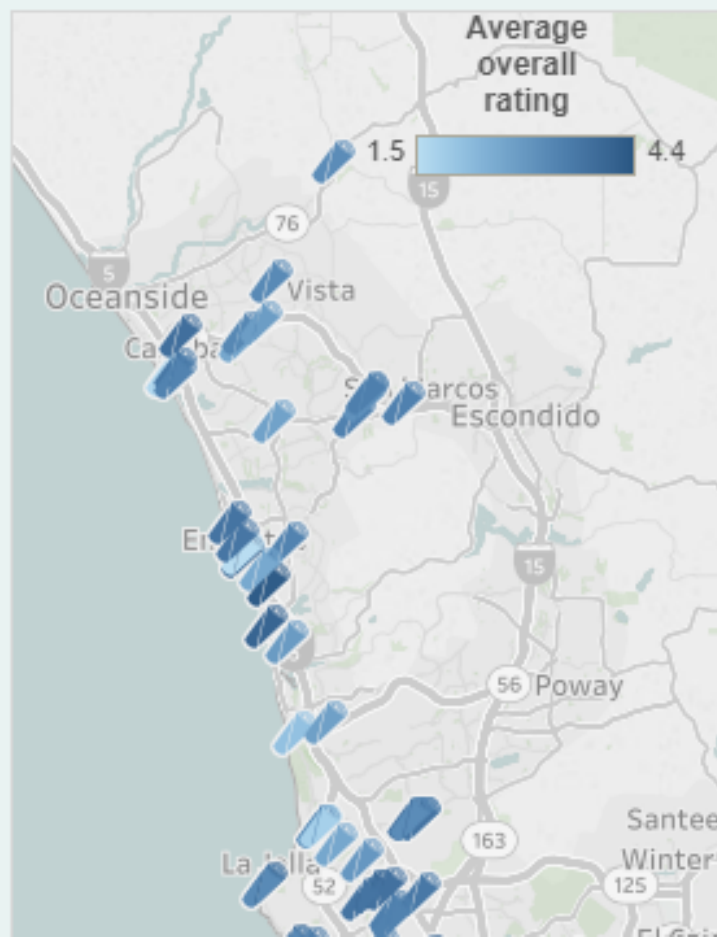
● Jupyter Notebook



San Diego Burrito Ratings



350 burritos were rated at 77 taco shops across San Diego using the 10 official burrito dimensions (for more information, go to <https://scolegithub.io/100burritos>). Use the sliders on the right to filter the map and locate burritos based on your standards.



Click a burrito on the map to see the details of that restaurant below.

Restaurant information

Neighborhood

(All)

This visualization was based on a template by Will Griffiths, @wilsooon

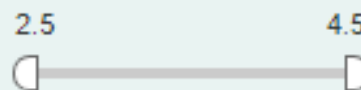
Overall rating



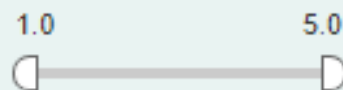
Tortilla quality



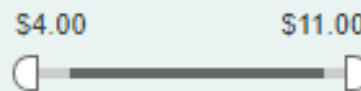
Yelp rating



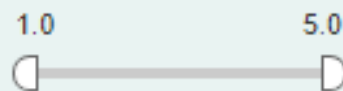
Temperature



Cost



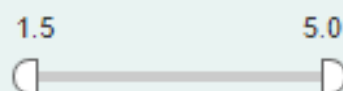
Meat quality



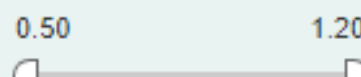
burritos rated



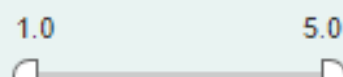
Nonmeat quality



Volume (liters)



Meat-to-filling ratio



Stretch Goal

Contribute to an open source project.

“If I was interviewing someone and found out they had a pull request accepted for code we use, I would hire them on the spot.”

- Ben Taylor, Chief AI Officer at ZIFF