

WHAT ARE YOUR COMMUTING HABITS?

Learning about commuting habits through visualizations.



I USED TO HATE PUBLIC TRANSPORTATION

Slow, confusing, and disgusting.

'If the concourses don't smell like urine, they smell like bleach.'

"Sixty-five percent of Philadelphia's 83 bus routes run late."

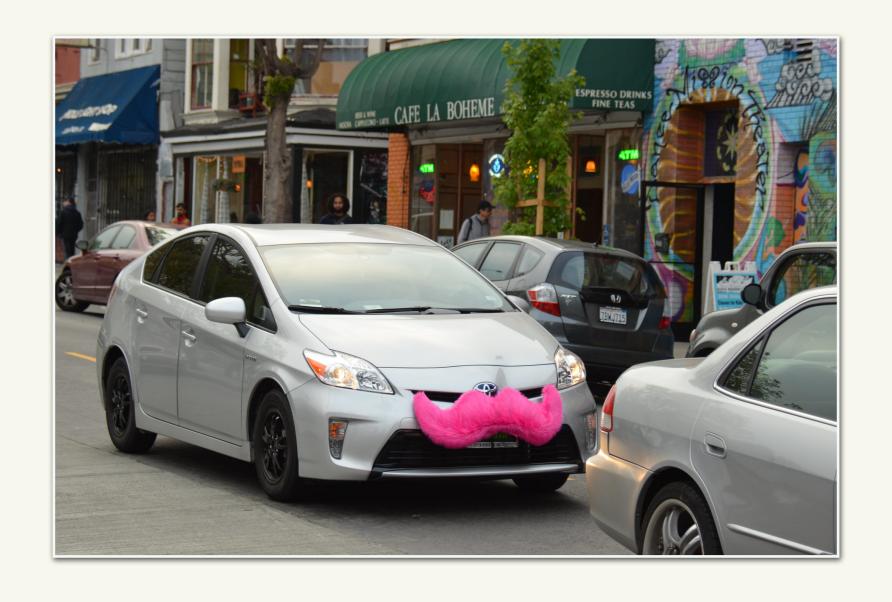


People trying to out-run a SEPTA bus.

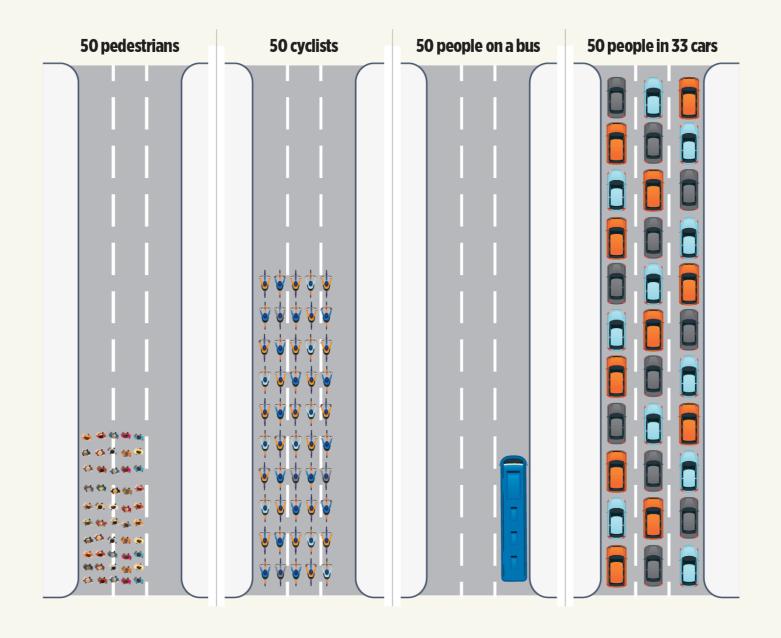


BUT I'VE STARTED TO APPRECIATE IT MORE

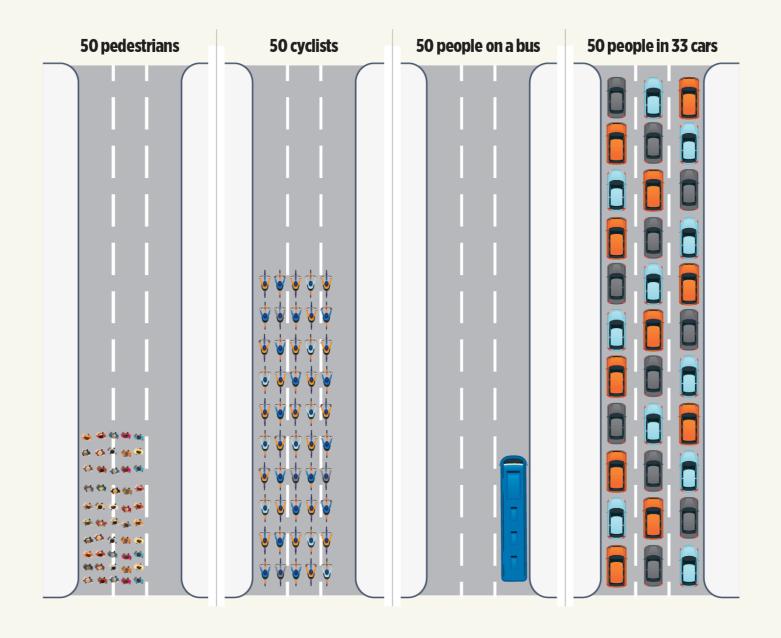
There are some benefits to riding public transportation.



Cheaper than the alternatives.



Fewer cars in the streets which means less traffic.



'A bus with just 7 passengers is more fuel-efficient; a full bus is 6 times more efficient; a full train is 15 times more efficient as compared to the average car'

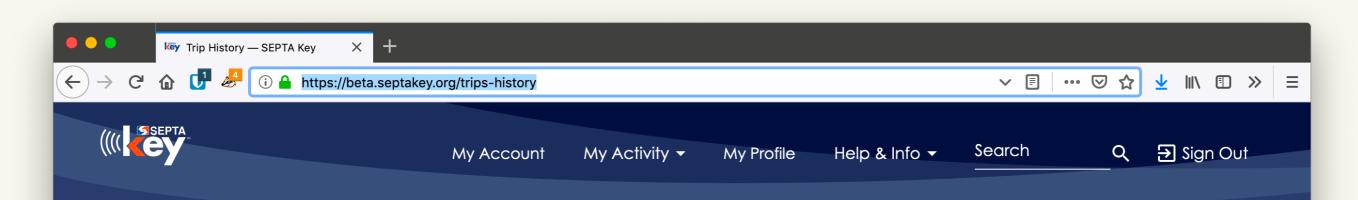


Accessibility. All SEPTA buses are wheelchair accessible and they also have over 100 accessible stations.



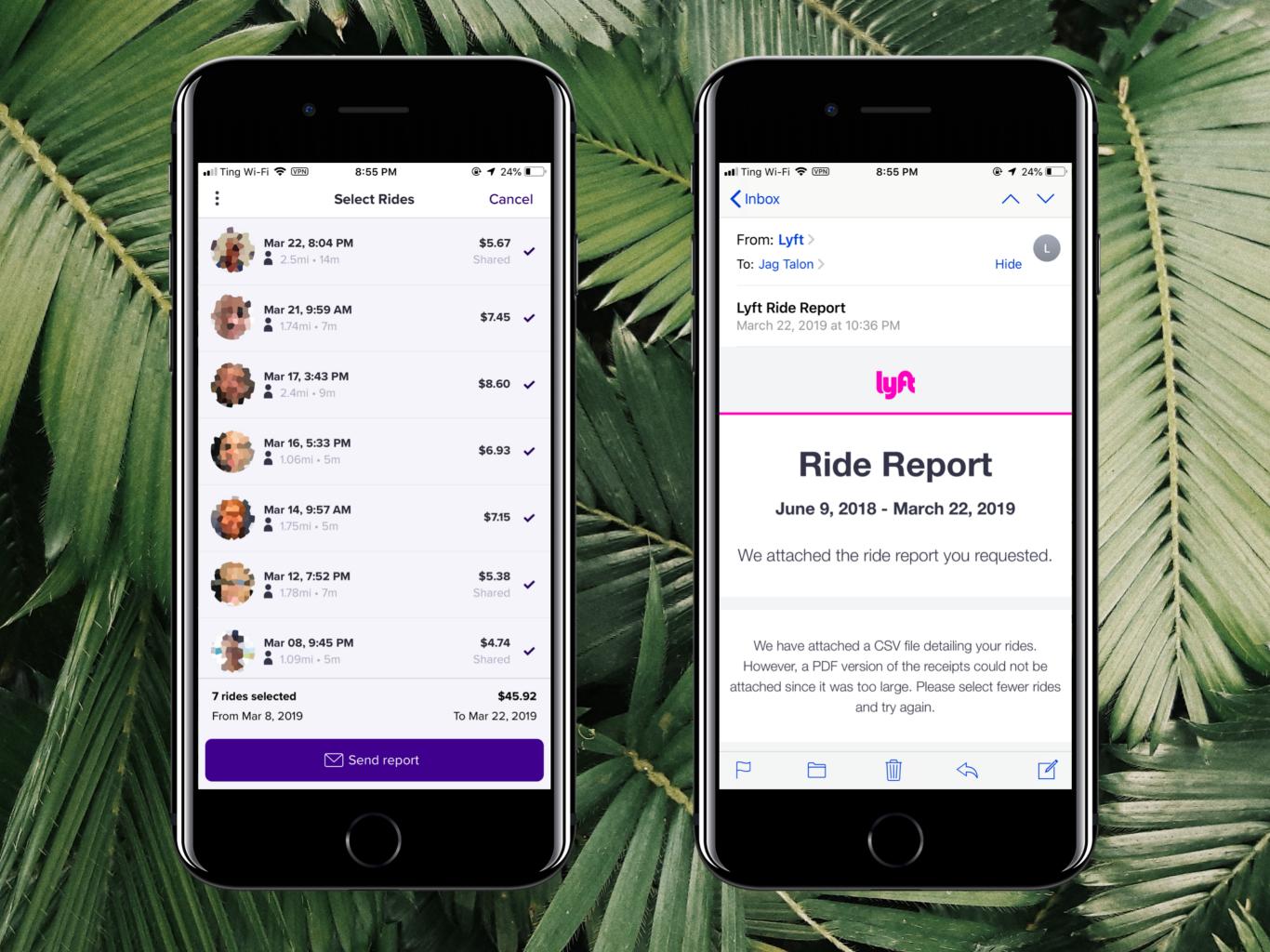
WHERE DO YOU GET THE DATA?

(It involves a lot of copy-pasting.)



Trip History

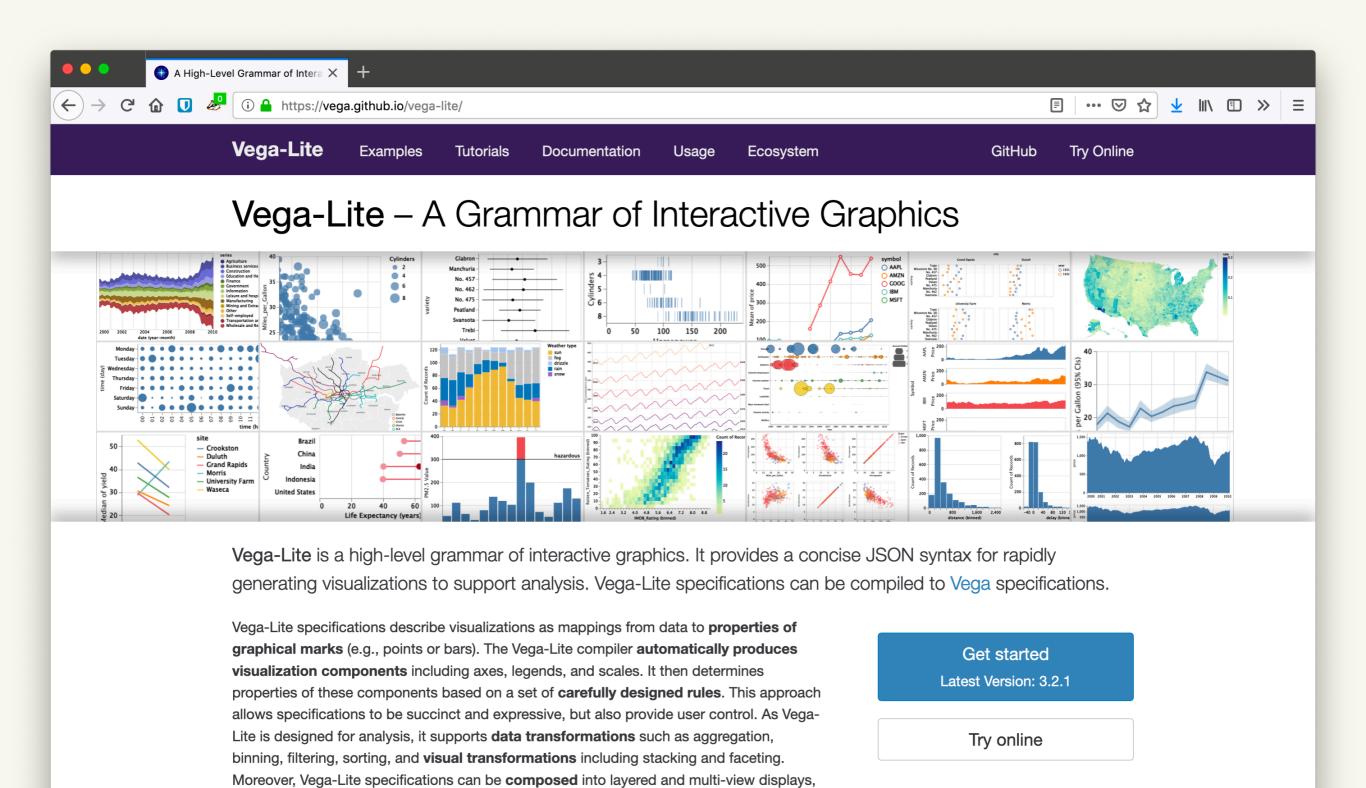
Trip History For Key Card Travel Bud **** 6182 🔻						= Filters
Entry Date Today 5:12 PM	Entry Stop 15th St Station - MFL	Fare \$2.00	Mode Subway	Type Single Trip	Route/Vehicle # MFL/-	~
Entry Date Today 2:58 PM	Entry Stop Oregon Station - BSL	Fare \$1.00	Mode Subway	Type Transfer	Route/Vehicle # BSL/-	~
Entry Date Today 2:48 PM	Entry Stop Columbus Blvd & Oregon Av - MBNS	Fare \$1.00	Mode Bus	Type Transfer	Route/Vehicle # G/5671	~
Entry Date Today 2:14 PM	Entry Stop Columbus Blvd & Dock St	Fare \$2.00	Mode Bus	Type Single Trip	Route/Vehicle # 25/5635	~
Entry Date Today 9:21 AM	Entry Stop Girard Station - MFL	Fare \$1.00	Mode Subway	Type Transfer	Route/Vehicle #	~
Entry Date	Entry Stop	Fare	Mode	Туре	Route/Vehicle #	





NOW WHAT? WHAT DO WE DO WITH THE EXCEL SHEET?

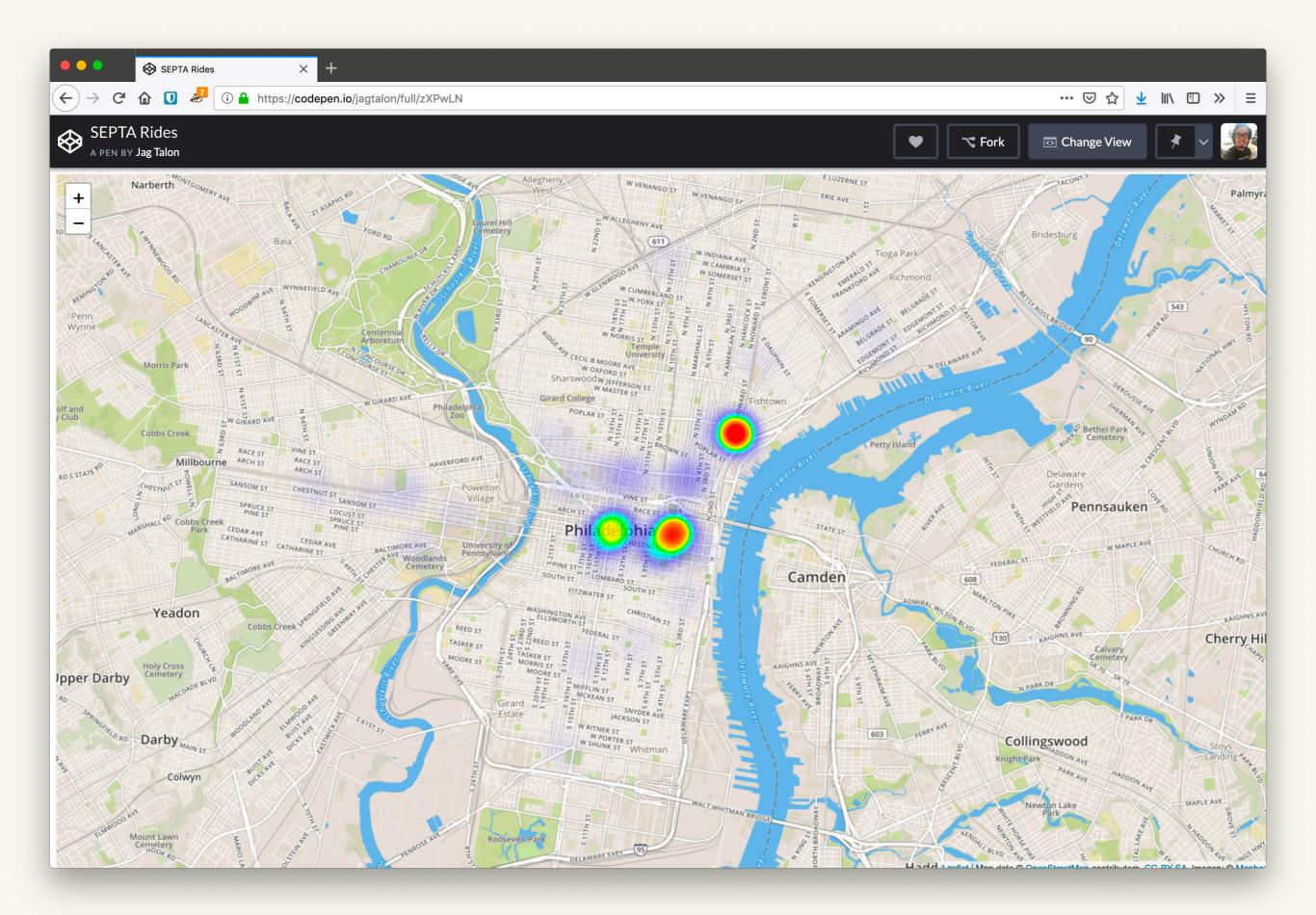
(It involves a lot of JavaScript.)

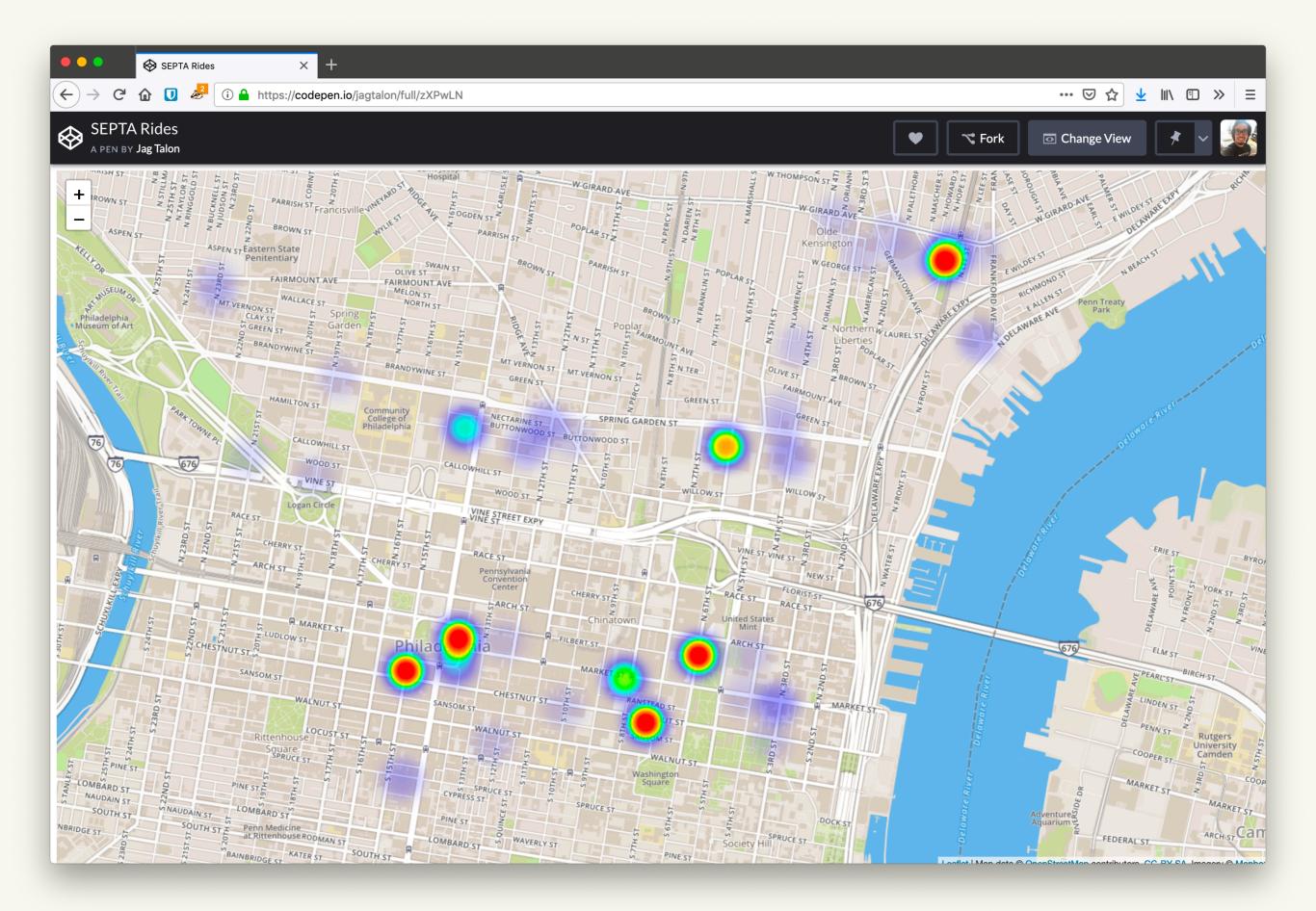


Read our introduction article to Vega-Lite v2 on Medium, watch our OpenVis Conf talk about the new features in Vega-Lite v2, check out the documentation and take a look at our example gallery.

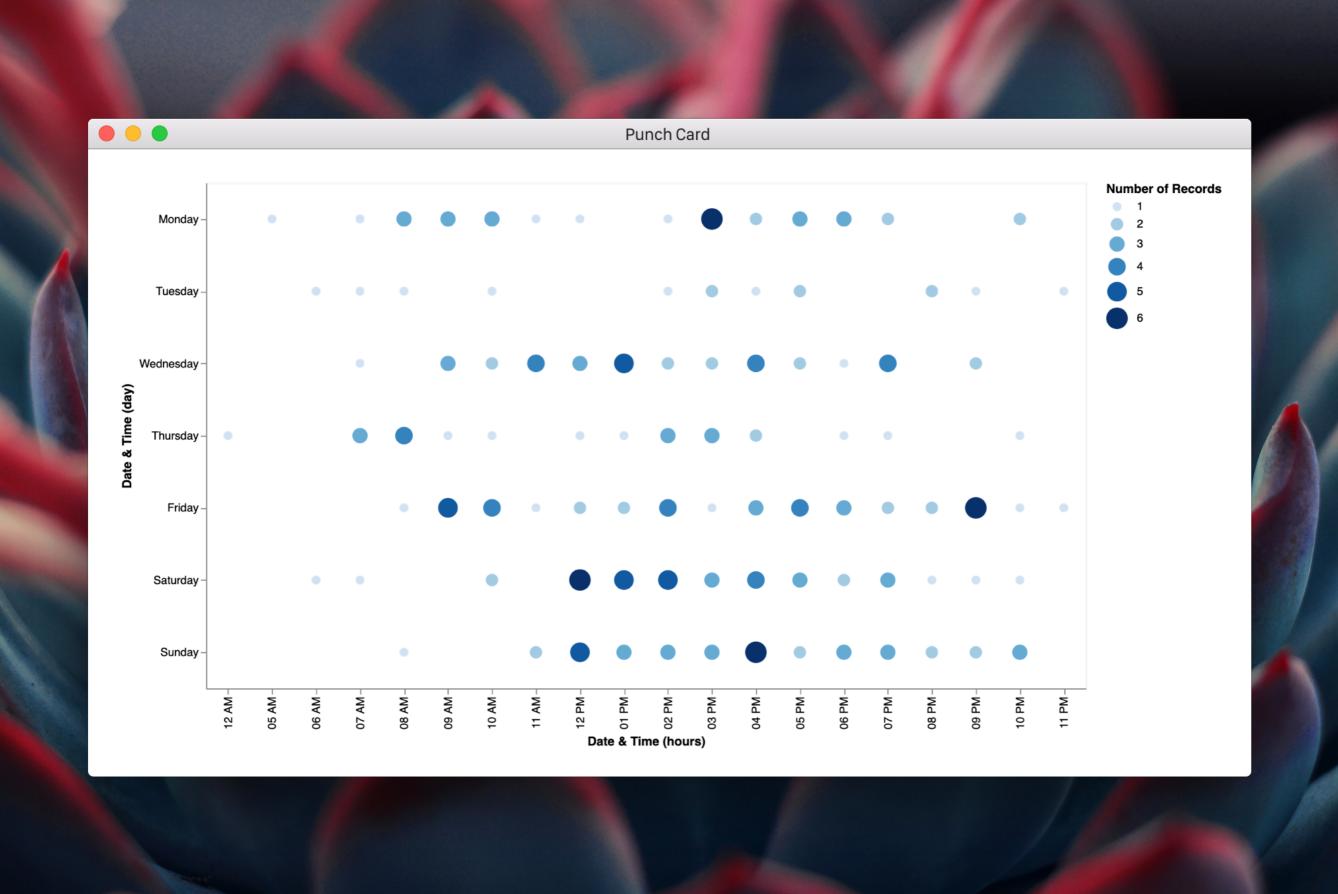
Example

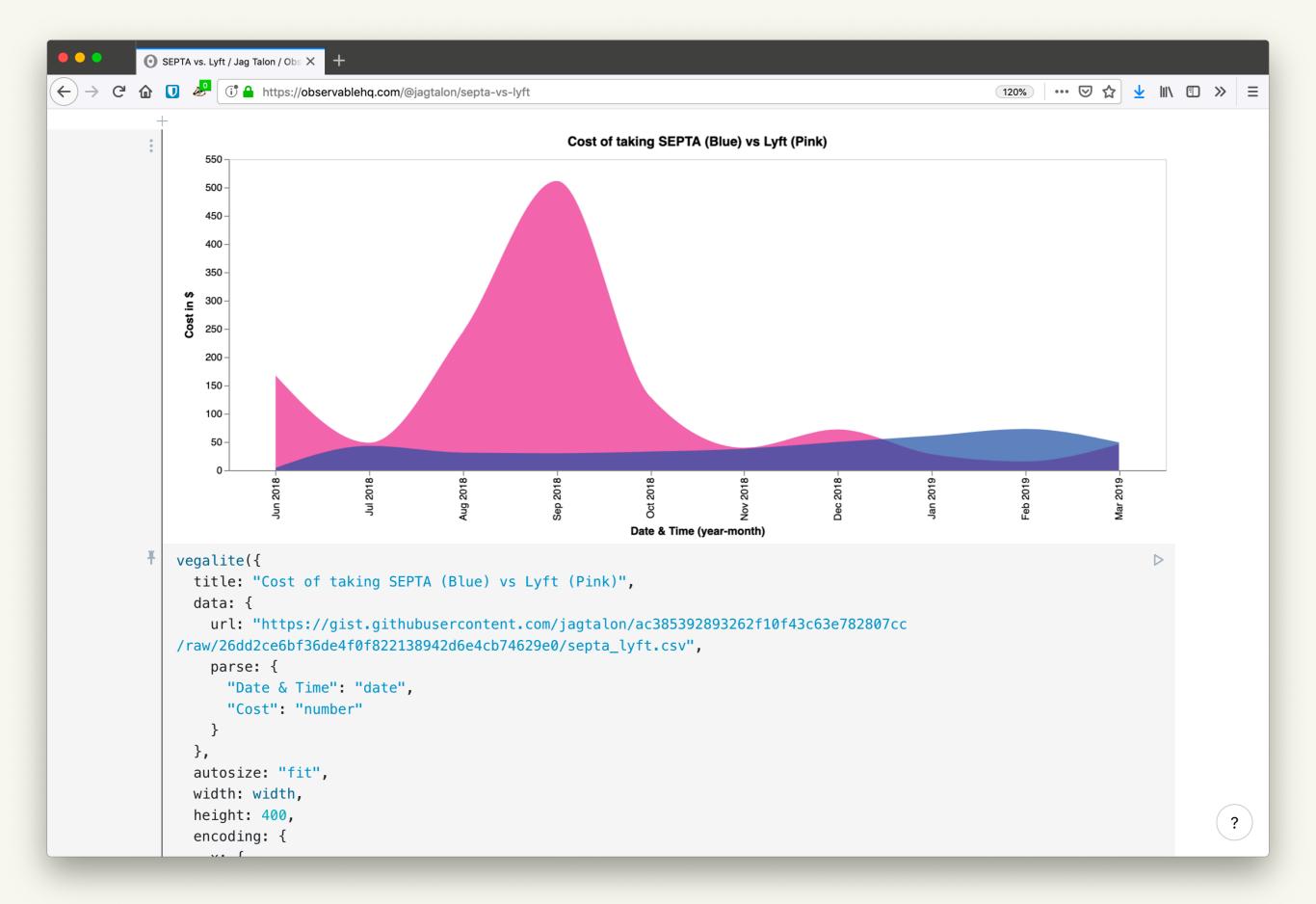
and made interactive with selections.

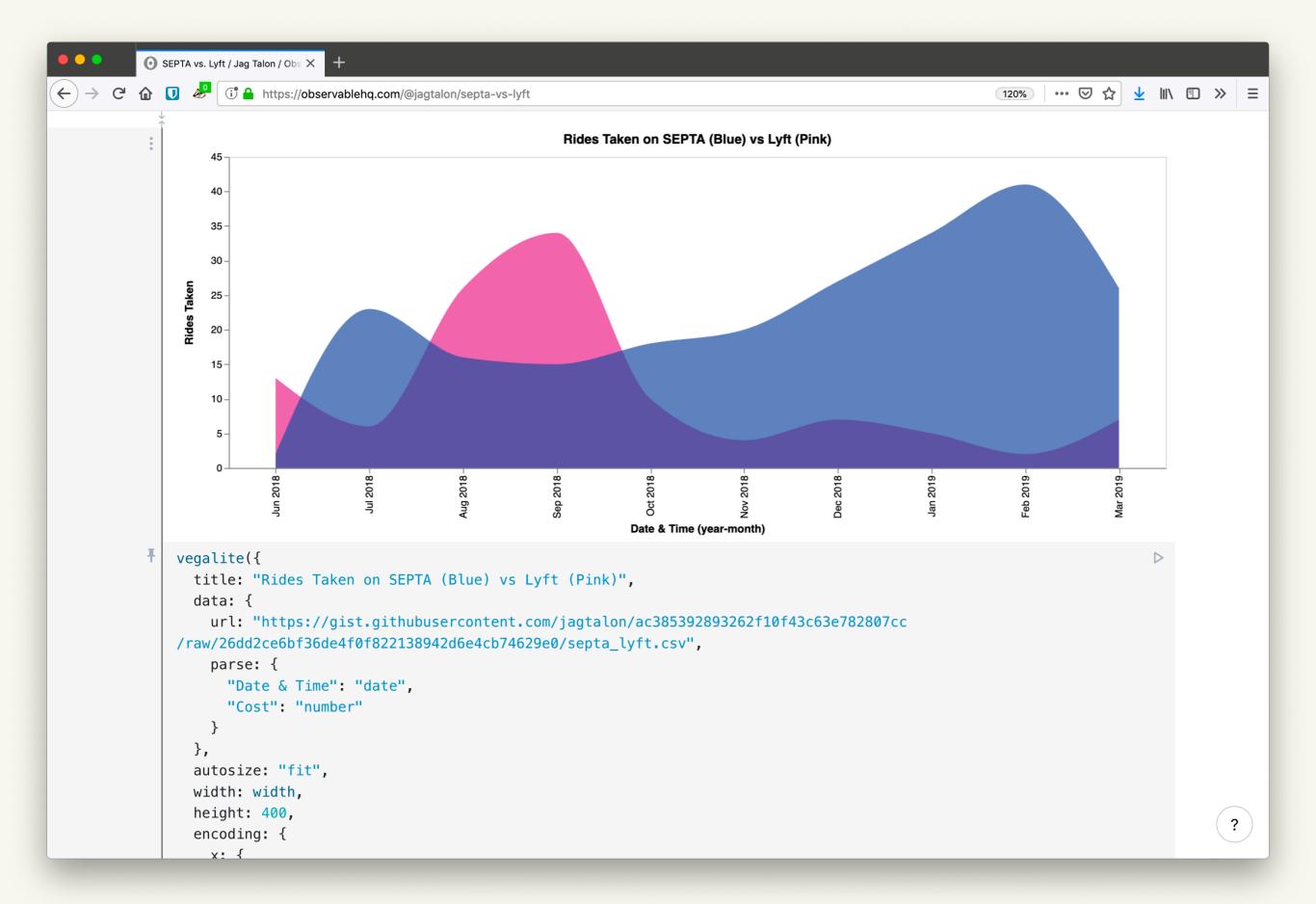


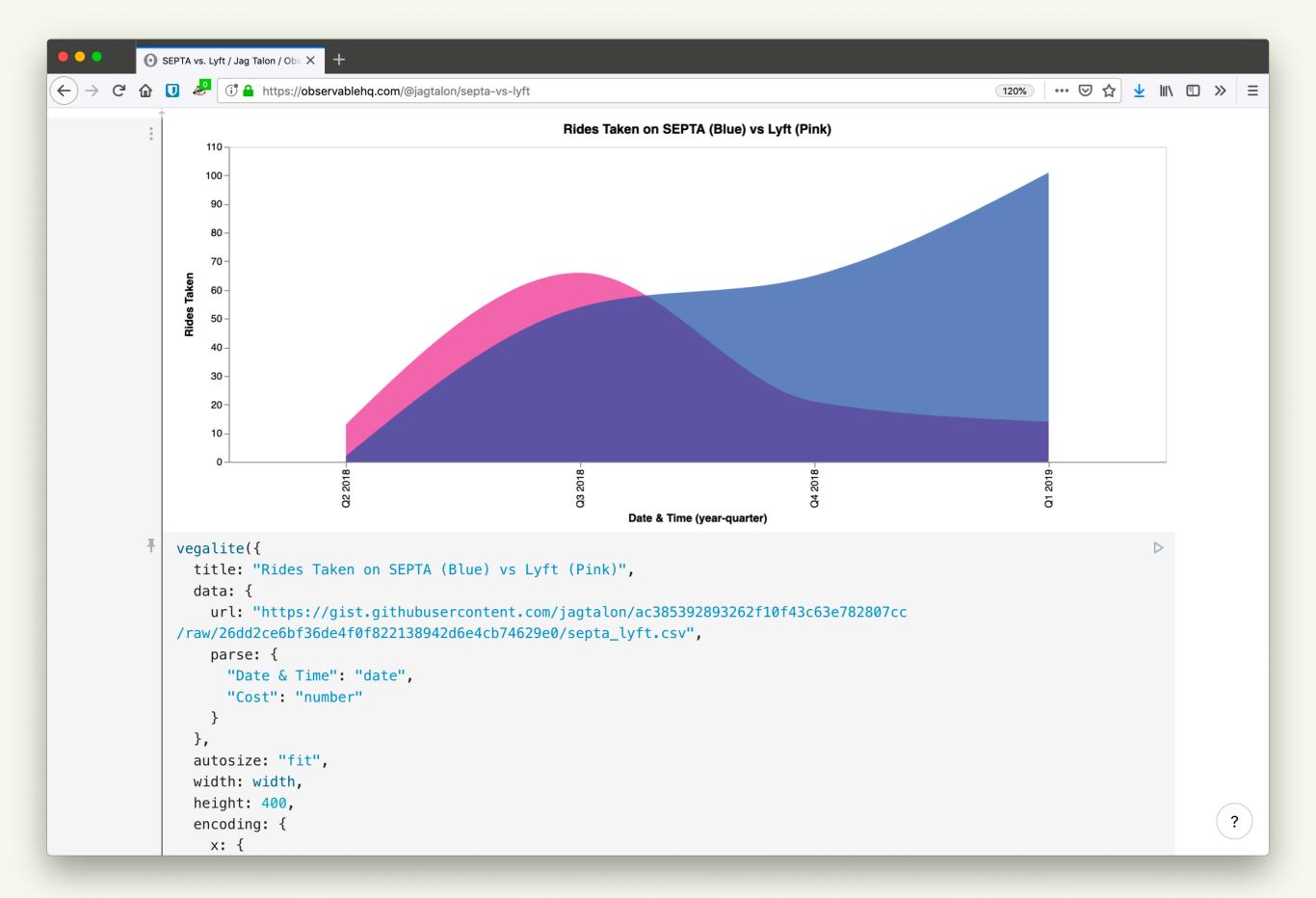












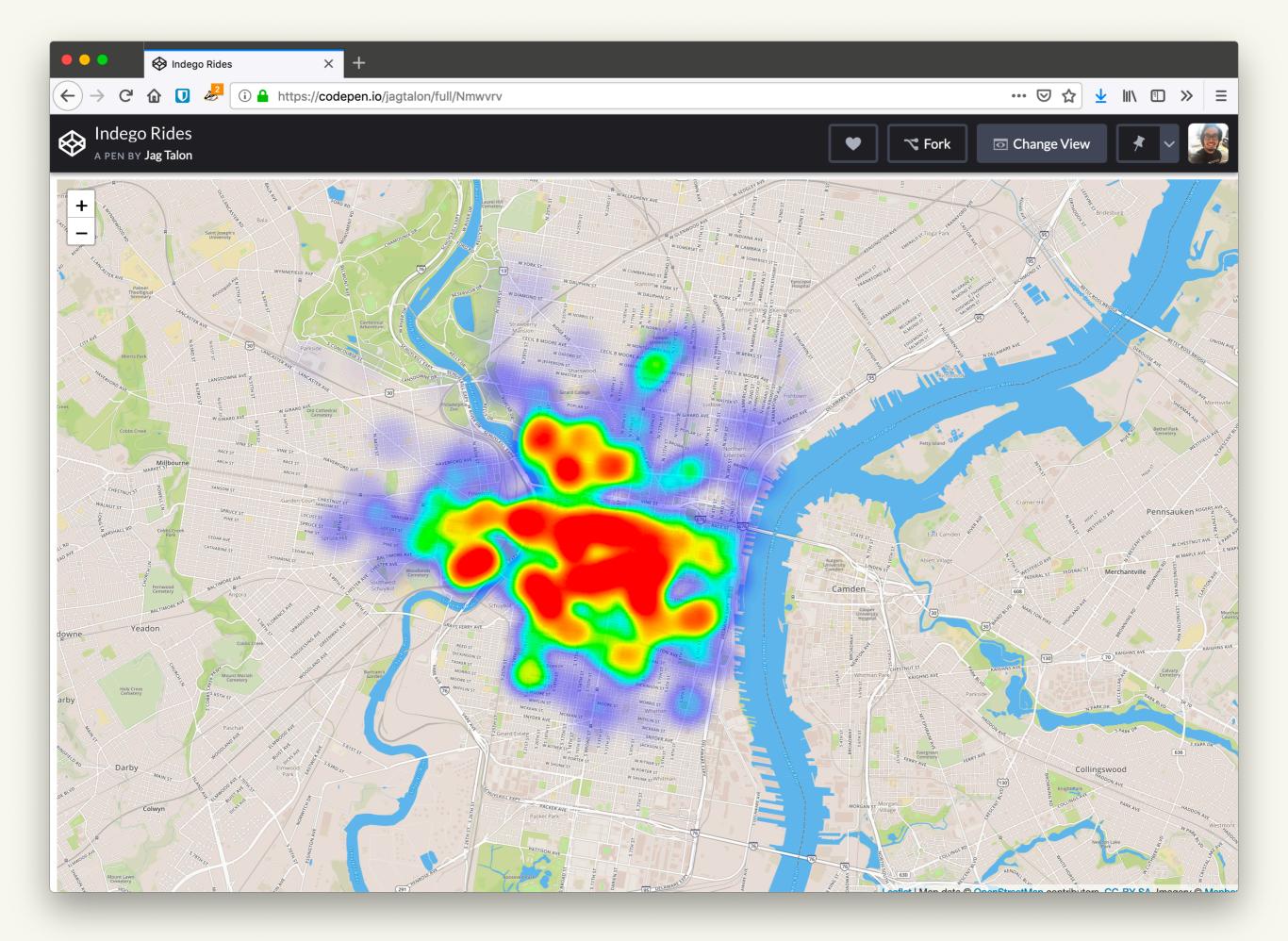


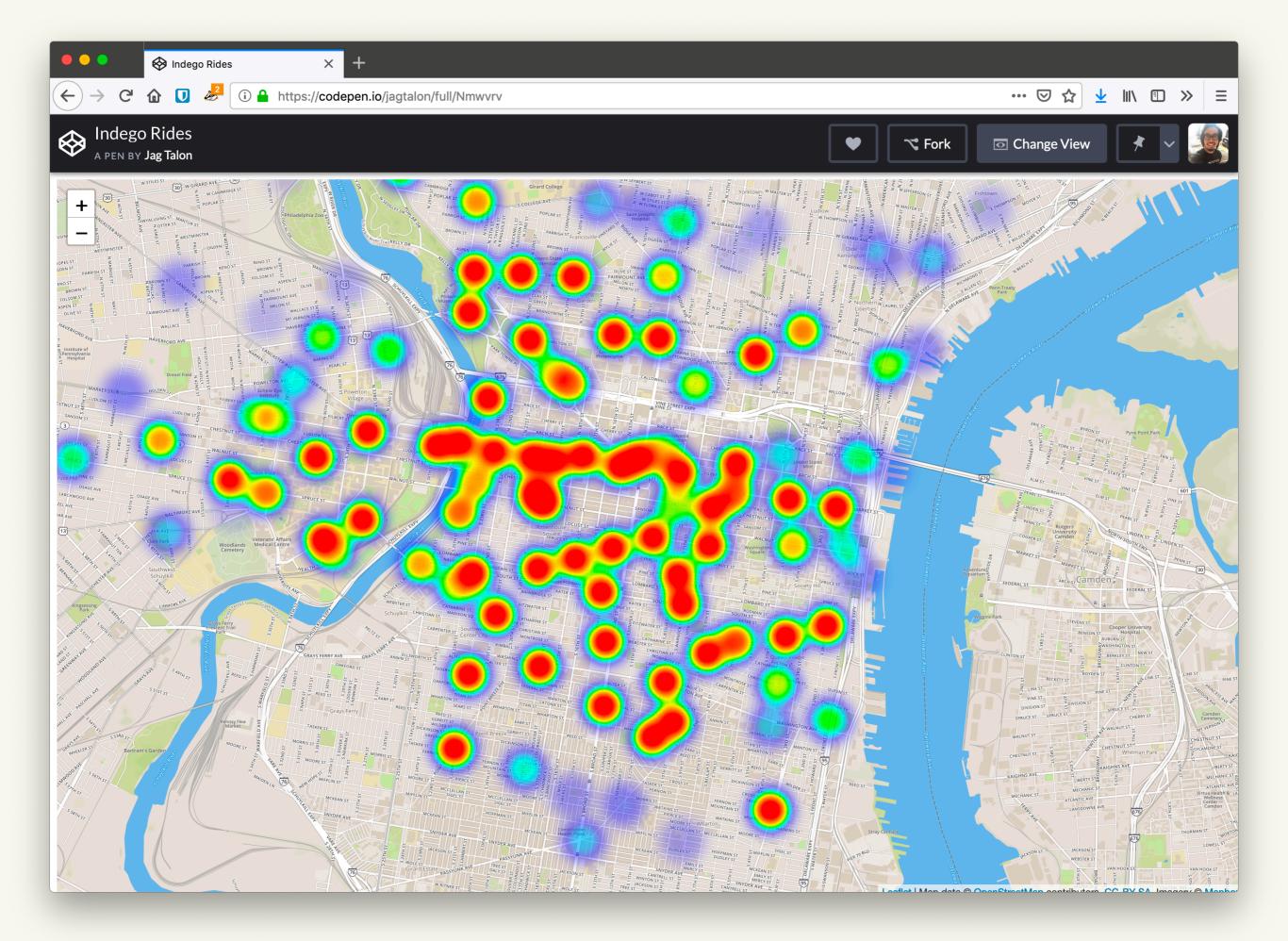
BONUS ROUND

There's another public transportation that we're not talking about ...



Indego Bikes!





QUESTION:

When do people borrow Indego bikes?

