

Battle of the Neighborhoods

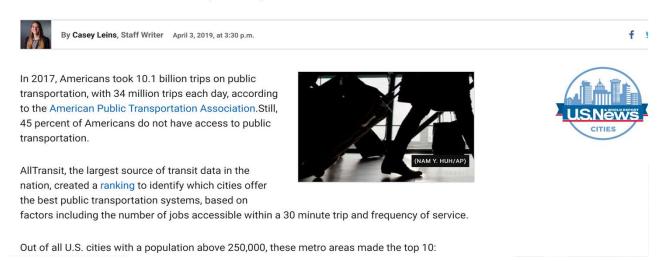
Data

- With a list of the cities with the best public transportation and my friend's input, the search was narrowed down to 5 major cities: San Francisco, Boston, Philadelphia, Chicago and Portland, OR.
- A list of neighborhoods for the 5 cities (including the East Village) with Latitude and Longitude was be compiled from Wikipedia, www.usgs.gov, and Google.
- FourSquare venue data was be pulled for each of these neighborhoods (500m around Latitude and Longitude).
- For each neighborhood, venue categories was listed, weighing them based on quantity.
- For each neighborhood, the top 10 venue categories will be used to cluster the neighborhoods into 10 groupings.
- All the neighborhoods that fall within the same cluster as the East Village, will be presented to my friend.

US News - Public Transportation Data

The 10 Best Cities for Public Transportation

These metro areas offer numerous transportation options for commuters.



1. (Tie) San Francisco, California

Score: 9.6

Jobs accessible within a 30 minute trip: 653,730

Transit routes within a half mile: 26

Commuters who use transit: 36.5 percent

3. Boston, Massachusetts

Score: 9.4

Jobs accessible in 30 minute trip: 645,907

Transit routes within a half mile: 16

Commuters who use transit: 34.8 percent

Neighborhood Data

 Started with a list from Wikipedia and based on matching names, added Latitude and Longitude from www.usgs.gov. Filled any unfound neighborhoods using Google.

Neighborhoods in Boston

From Wikipedia, the free encyclopedia

Boston's diverse neighborhoods serve as a political and cultural organizing mechanism. The City of Boston's Office of Neighborhood Services has designated 23 Neighborhoods in the city:

- Allston
- Back Bay
- Bay Village
- Beacon Hill
- Brighton
- Charlestown
- Chinatown/Leather District



FEATURE_NAME	+ 1	FEATURE_CLASS	J	PRIM_LAT_DEC	*	PRIM_LONG_DEC	*	
Aberdeen		Populated Place		42.3445416		-71.1494977		
Allston		Populated Place		42.3584	304	-71.12588	361	
Ashmont		Populated Place		42.2834	319	-71.06893	393	
Back Bay		Populated Place		42.3500	974	-71.08699	961	
Bay Village		Populated Place		42.3506	531	-71.06977	734	
Beachmont		Populated Place		42.3959	305	-70.9869	994	
Beacon Hill		Populated Place		42.3587	085	-71.0678	329	
Bellevue Popu		Populated Place		42.2875981		-71.1453304		
Boston		Populated Place		42.3584308		-71.0597732		
Brighton	righton Popula		opulated Place		42.3500971		-71.1564423	
Cedar Grove Pop		Populated Place		42.2806543		-71.0578279		
Charlestown Populated Pla		Populated Place	ce 42.377		749	-71.06199	957	
Chelsea	lsea Populated Place			42.3917638		-71.0328284		
Chinatown		Populated Place			0		0	
City Point		Populated Place		42.3362091		-71.0286611		
Clarendon Hills	arendon Hills Populated Place			42.2750984		-71.1244964		
Cottage Hill	ottage Hill Populated Place			42.3681534		-70.9689376		
Cottage Park	Populated Place			42.3709	-70.9869937			
Court Park		Populated Place		42.3728754		-70.9947717		

FourSquare Data

• FourSquare venue data was be pulled for each of the neighborhoods and unneeded data was removed leaving the data below.

	City	Neighborhood	Neighborhood Latitude	Neighborhood Longitude	Venue	Venue Latitude	Venue Longitude	Venue Category
11	Philadelphia	Allegheny West	40.008446	-75.177956	Mimmo's Pizza	40.004747	-75.178731	Pizza Place
27	Philadelphia	Allegheny West	40.008446	-75.177956	Good Garden	40.004439	-75.176965	Chinese Restaurant
31	Philadelphia	Bella Vista	39.935391	-75.157122	Anastasi Seafood	39.936190	-75.158336	Seafood Restaurant
32	Philadelphia	Bella Vista	39.935391	-75.157122	Ba Le Bakery	39.935134	-75.154342	Vietnamese Restaurant
33	Philadelphia	Bella Vista	39.935391	-75.157122	Prima Pizza Taquiera Mexicana	39.936130	-75.158627	Mexican Restaurant
35	Philadelphia	Bella Vista	39.935391	-75.157122	Rim Cafe	39.934280	-75.158928	Café
37	Philadelphia	Bella Vista	39.935391	-75.157122	Talluto's	39.937667	-75.158147	Italian Restaurant
38	Philadelphia	Bella Vista	39.935391	-75.157122	Taqueria La Veracruzana	39.936409	-75.158924	Mexican Restaurant
40	Philadelphia	Bella Vista	39.935391	-75.157122	Italian Market	39.937675	-75.158052	Farmers Market
42	Philadelphia	Bella Vista	39.935391	-75.157122	South Philly Barbacoa	39.934987	-75.158697	Mexican Restaurant
43	Philadelphia	Bella Vista	39.935391	-75.157122	Di Bruno Bros.	39.938001	-75.158206	Cheese Shop
44	Philadelphia	Bella Vista	39.935391	-75.157122	Garage	39.933507	-75.158887	Bar