



Coursera Capstone

An investigation into european cities

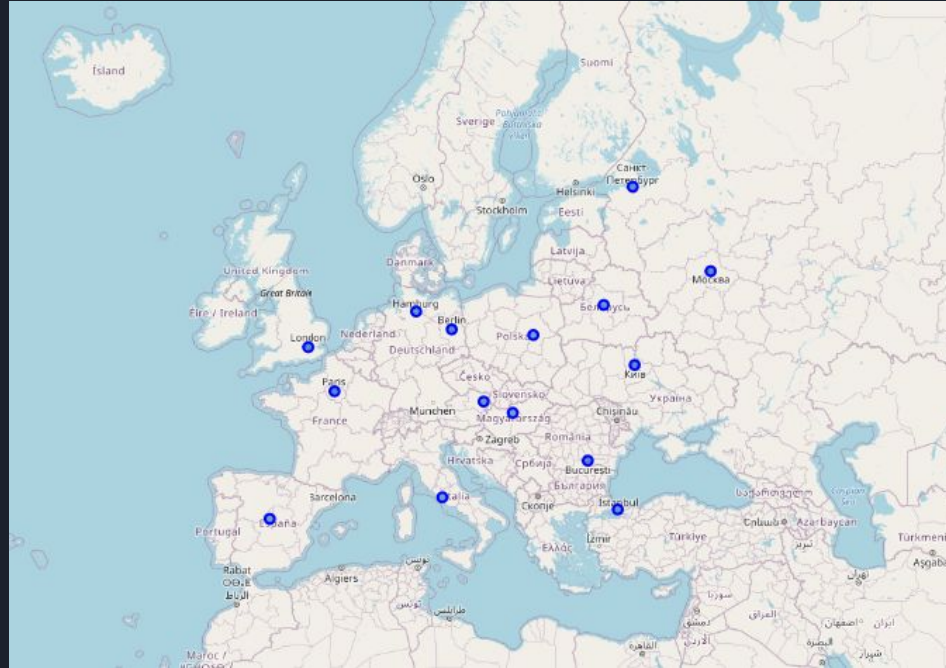


Introduction

The largest cities in europe have busy urban centers. This project seeks to investigate what is at the heart of these urban centers.

These slides serve as the written component of a presentation, the bulk of the presentation would be given vocally based on the written report.

The 15 Largest Cities in Europe (by population)



The most common venues in each city centre are

[9] :

	City	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
0	Berlin	Hotel	Gourmet Shop	Hotel Bar	Salad Place	Café	Spa	Museum	Opera House	Asian Restaurant	Fish Market
1	Bucharest	Pub	Historic Site	Hospital	Bar	Romanian Restaurant	Bookstore	Chocolate Shop	Bistro	Sporting Goods Shop	Beer Garden
2	Budapest	Restaurant	Café	Hungarian Restaurant	Burger Joint	Hotel	Gift Shop	Italian Restaurant	Pub	Shoe Store	Pedestrian Plaza
3	Hamburg	Hotel	Bike Rental / Bike Share	Pier	Café	Women's Store	Electronics Store	Fish Market	Fast Food Restaurant	English Restaurant	Eastern European Restaurant
4	Istanbul	Hotel	Park	Persian Restaurant	Steakhouse	Mosque	Boarding House	Bike Shop	Nightclub	Plaza	Electronics Store
5	Kiev	Coffee Shop	Boutique	Dessert Shop	Cocktail Bar	Gift Shop	Bakery	Scandinavian Restaurant	Souvenir Shop	French Restaurant	Fountain
6	London	Hotel	Outdoor Sculpture	Café	Monument / Landmark	Spa	Pub	Plaza	Sandwich Place	Art Gallery	Art Museum
7	Madrid	Bus Station	Bar	Plaza	Eastern European Restaurant	Fountain	Fish Market	Fast Food Restaurant	English Restaurant	Electronics Store	Women's Store
8	Minsk	Theater	Women's Store	Furniture / Home Store	Concert Hall	Cosmetics Shop	Department Store	Design Studio	Dessert Shop	Donut Shop	Eastern European Restaurant
9	Moscow	History Museum	Concert Hall	Buffet	Government Building	Plaza	Palace	Donut Shop	Dessert Shop	Design Studio	French Restaurant
10	Paris	French Restaurant	Bakery	Plaza	Park	Ice Cream Shop	Clothing Store	Cocktail Bar	Cosmetics Shop	Department Store	Souvenir Shop
11	Rome	Ice Cream Shop	Bed & Breakfast	Italian Restaurant	Halal Restaurant	Fast Food Restaurant	Plaza	Roman Restaurant	Bakery	Gastropub	Design Studio
12	Saint Petersburg	Restaurant	Café	Gift Shop	Hotel	Design Studio	Pizza Place	Caucasian Restaurant	Spa	Bridal Shop	Gastropub
13	Vienna	Seafood Restaurant	Coffee Shop	Café	Burger Joint	Indian Restaurant	Cheese Shop	Sushi Restaurant	Plaza	Nightclub	Modern European Restaurant
14	Warsaw	Coffee Shop	Ice Cream Shop	Bar	Bookstore	Sushi Restaurant	Cocktail Bar	Polish Restaurant	Dessert Shop	Café	Donut Shop



Overarching Findings

- If there were hotels in the city center then they were the most common venue, this could be due to zoning restrictions
- Some locations' frequency may be affected by poor categorisation, for example Budapest's city center has a high number of venues in the category "Restaurant" however this may be misleading as there are other categories for specific categories of restaurant.