Data section :

Dataset fabrication:

The aim is to construct a comprehensive, all-encompassing database of venues, complete with useful labels like enables night shows, the scale of the event that can be hosted, etc.

To construct such a dataset, one would have to partition the geographical area of interest into non-overlapping subsets of the critical size (see next para). The query will be run on the center of the geographical confine and relevant properties of the results will be used to populate a conspicuous, intuitive dataset for further use.

The foursquare API for venue search has a cap of 50 results for a given query, implying that all the popular performing arts venues might not be revealed if the area size exceeds a critical size (at which any further decrement in size would decrease the query results to below 50).

Area of Interest and Description:

For this project, we would be looking at the very heart of the culture-rich city of Milan.
Milan is the capital of Lombardia, along with being the richest and most populous region of Italy, it is the second-largest in the country, and is best known as an economic and financial center but it also has its fair share of cultural and architectural attractions.

Zone 1 of Milan city comprises within it, districts of Brera and Porta Sempione, which bubble with its richness of Art and Nightlife.

Brera houses the Brera Academy of Fine Arts and the Brera Art Gallery, which prominently contributed to the development of Brera as an artists' neighborhood and a place of bohemian atmosphere, sometimes referred to as "the Milanese Montmartre".
Other features that contribute to the character of Brera include restaurants, bars, night clubs, antique and art shops, colorful street markets, as well as fortune tellers' booths.

The whole area is one of the centers of the so-called Milanese Movida (nightlife), with a number of bars, pubs, restaurants, and discos; since the RAI public television company, as well as some major radio stations, have their headquarters in the area, frequent appearances of celebrities contribute to the popularity of the Sempione's nightlife venues.

Relevant Location types:

Amphitheater
56aa371be4b08b9a8d5734db

Comedy Club
4bf58dd8d48988d18e941735

Concert Hall
5032792091d4c4b30a586d5c

General Entertainment
4bf58dd8d48988d1f1931735

Opera House
4bf58dd8d48988d136941735

Theater
4bf58dd8d48988d137941735

Lounge
4bf58dd8d48988d121941735

Nightclub
4bf58dd8d48988d11f941735

Music Venue
4bf58dd8d48988d1e5931735

	name	categories	address	lat	lng	labeledLatLngs	postalCode	cc	neighborhood	city
0	The Club	Nightclub	Corso Garibaldi, 97	45.477683	9.184380	[{'label': 'display', 'lat': 45.47768290977855...	20121	IT	Moscova, Milano, Lombardia	Milano
1	Messapika	Lounge	Via Alserio 3	45.491462	9.184598	[{'label': 'display', 'lat': 45.491462, 'lng':...	20159	IT	NaN	Milano
2	Barbarella Club	Nightclub	Bastioni di porta nuova 12	45.480217	9.187761	[{'label': 'display', 'lat': 45.480217, 'lng':...	NaN	IT	NaN	Milano
3	Trottoir (Le)	Nightclub	2 Via Tivoli	45.471117	9.184165	[{'label': 'display', 'lat': 45.471117, 'lng':...	20121	IT	NaN	Milano
4	whatsapp ina bak	Comedy Club	NaN	45.470039	9.179305	[{'label': 'display', 'lat': 45.47003936767578...	NaN	IT	NaN	NaN
5	Heineken Social Networking	General Entertainment	NaN	45.482116	9.187207	[{'label': 'display', 'lat': 45.482116, 'lng':...	NaN	IT	NaN	NaN
6	Boucheron Paris- Press Cocktail	General Entertainment	NaN	45.468656	9.193360	[{'label': 'display', 'lat': 45.468656, 'lng':...	NaN	IT	NaN	NaN
7	Pastrengo	Comedy Club	via pastrengo 12	45.486816	9.186635	[{'label': 'display', 'lat': 45.48681638000001...	20159	IT	NaN	Milano
8	Babbo Running	General Entertainment	Piazza Castello	45.469361	9.181685	[{'label': 'display', 'lat': 45.46936058971595...	NaN	IT	NaN	Milano
9	Milano Film Festival	General Entertainment	NaN	45.471724	9.178391	[{'label': 'display', 'lat': 45.47172396229453...	NaN	IT	NaN	NaN
10	Viberoom	Nightclub	Viale Monte Grappa 14	45.480963	9.189688	[{'label': 'display', 'lat': 45.48096250431438	NaN	IT	NaN	Milano