

Analysis and Comparison of the Cities of Athens and Rome

Introduction – Description of the Business Problem

Athens and Rome are two of the most well-known cities in the world. Athens and Rome, both cities of the "South" (Europe), with a population of over 2 million people, similar climate conditions and mentality, seem to share a lot in common. Through their long presence in human history, they share a glorious past, and have faced several disasters. Athens and Rome. They both are the financial and political center of their respective countries. But how similar is living in Athens compared to Rome? Is there enough variety, or the recent financial crisis also affected the creativity of the market? Aim of this study will be to research, analyze and compare these two great cities, in order to answer the above-mentioned questions. The conclusions of the analysis could be beneficiary to both existing and future businesses in the services industry (restaurants, cafes, bars etc) in both countries.

Data

Initially all the necessary data will be gathered in order to have a ground description of the two cities. The analysis and comparison of the two cities will be based on their administrative subdivision, aka their municipalities. Athens is divided into 41 municipalities and Rome into 15. The above-mentioned data will be scrapped from the internet ([Citypopulation](#) and [Wikipedia](#) respectively) and inserted into a panda data frame. (see figures).

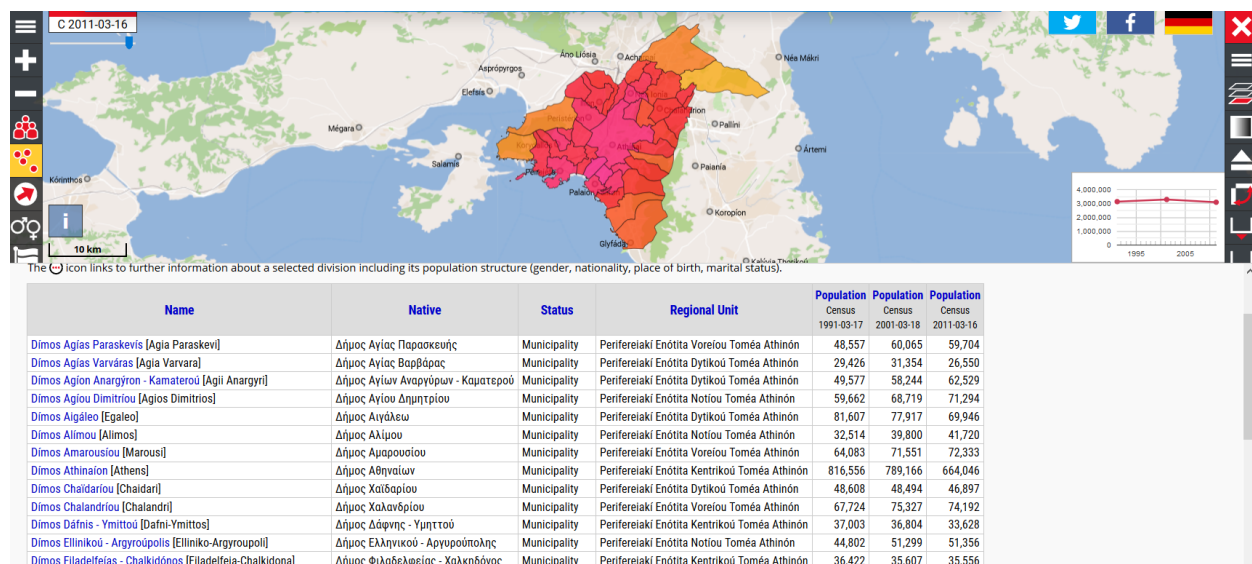


Figure 1. Administrative division of Athens

(Source: <https://www.citypopulation.de/en/greece/athens/>)

Municipi [\[edit \]](#)

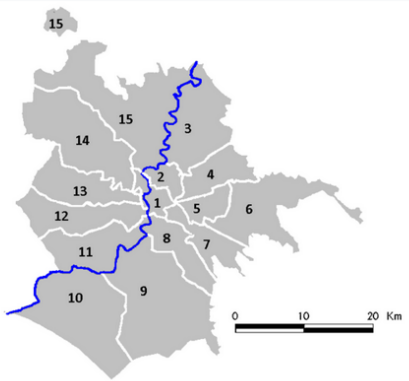
Municipio	Population 31 December 2015	Area in km²	Density per km²	Map
Municipio I – Historical Center	186,802	19.91	9,382	
Municipio II – Parioli/Nomentano	167,736	19.60	8,567	
Municipio III – Monte Sacro	204,514	97.82	2,091	
Municipio IV – Tiburtina	177,084	49.15	3,603	
Municipio V – Prenestino/Centocelle	246,471	27.00	9,137	
Municipio VI – Roma Delle Torri	256,261	113.40	2,261	
Municipio VII – Appio-Latino/Tuscolano/Cinecittà	307,607	46.80	6,580	
Municipio VIII – Appia Antica	131,082	47.29	2,772	
Municipio IX – EUR	180,511	183.17	985	
Municipio X – Ostia/Acilia	230,544	150.64	1,530	
Municipio XI – Arvalia/Portuense	154,871	70.90	2,185	
Municipio XII – Monte Verde	140,996	73.12	1,928	
Municipio XIII – Aurelia	133,813	68.70	1,949	
Municipio XIV – Monte Mario	190,513	131.30	1,451	
Municipio XV – Cassia/Flaminia	158,561	186.70	849	

Figure 2. Administrative division of Rome

(Source: https://en.wikipedia.org/wiki/Administrative_subdivision_of_Rome)

As shown in figures 1 and 2, the data used will be tables showing the subdivision of the cities in municipalities, their population and density. Necessary information and prerequisite for the use of the Foursquare API, is the coordinates of the municipalities. This information will be provided either by the Geocoder Python package or by a custom-made csv file.