

# Predicting the best place to live in France

IBM Data Science Certificate  
Capstone

## Introduction

- Nowadays, personal or professional mobility on the French territory is easy for French people who wants to change their way of life
- However it could be difficult to make an objective choice taking in consideration ones personal criterias for a wide range of cities
- Analyzing and comparing the characteristics of a panel of French cities, such as venues available, crime rate, climate or real estate prices can be a help for people who wants to move

## Data acquisition and cleaning

- This analysis aim to analyze the a panel of French cities :
  - Paris (the analysis will be conducted for each of its 20 districts)
  - Aix-en-Provence
  - Annecy
  - Nantes
- The data needed are :
  - Venues locations & characteristics using Foursquare
  - Climate and demography using Wikipedia pages of the cities
  - Real estate prices using <https://ouinvestir.net/>
  - Data about crime rate using ONDRP data (a French observatory of delinquency)