**Capstone Project - The Battle of Neighborhoods (Part-1)**

***Introduction/Business Problem:***

It is not an easy task as parents to manage our daily schedule and to find time to do things for our children too. For example a parent is working in the South side of a town while his kid’s school is in the North, his job ends at 5 but at 3 he has to go take his kid at school then to take her to her dance class. This problem concerns one parent who wants to know what is the Elementary School in Chicago with a dance very close where he can register his kid. But he doesn’t want any kind of school, the one he wants must have a good safety score, the education level must be high and so do the teachers score.

How to find a school dance next to an Elementary school in Chicago with a high score of Instruction and where the teachers score and the safety score is also high. These three parameters are very important because it is important for a parent to know that his or her kid is safe at school, that the instruction level is great and the teachers score is good enough.

In order to reach our goal we will be using a dataset of ***Chicago public school*** progress from [Kaggle](https://www.kaggle.com/chicago/chicago-public-schools-data) and also we will use Foursquare to gather information about locations of dance schools in Chicago.