**A Program to empower Female Youth in the city of Lagos.**

**Introduction**

Government currently wants to know the number of workable youth with unemployment in the city of Lagos in order to enable them to provide jobs. The program includes the registration of Youth from age of 18-35 in the city of Lagos. The project’s purpose is to comply the list of youth between the range of 18-35 that are not employed, so as to register them for a skill acquisition and a startup training in which the government has separated some amount of money to fund.

**Data Description**

The Data used in this project is provided by foursquare location Data. The data is group into youth that are unemployed with relates to age ranges, education, sex, areas.

**Table of contents**

1. Import Libraries
2. Define Foursquare Credentials
3. Define the city get its latitude and longitude
4. Search for youth between the age ranges of 18-35 and clean dataframe.
5. Search for their educational level and clean dataframe.
6. Search for female youth and clean dataframe.
7. Search for the area and clean dataframe.
8. Generate map to visualize age range, education, sex and area and how they cluster together.