PROJECT 1 – ANALYTICS TEAM

Saturday, 24 April 2021

*Project Title:*

Diabetes disease diagnosed for Hispanic population in the US.

*Team Members:*

Manuel Borrego / Orlando García / José Sierra / Gustavo Maldonado

*Project Description:*

Our Project is to discover the incidents of social demographics in diagnosed diabetes for Hispanic population in US. We’ll examine relationships between gender, range of ages, educational levels, income levels, and related diseases though the years, as the data admits.

*Research Questions to Answer:*

* Proportion of Hispanics with diagnosed diabetes and its relation in time and specially in the future?
* How is the behavior of diagnosed diabetes in range of ages to define if there is a correlation between them?
* How is the gender distribution for diagnosed diabetes?
* How is the impact of diagnosed diabetes in relationship of other related habits/risk factors?
* How are the impacts in the educational and income levels in relationship with diagnosed diabetes?

*Datasets to Be Used:*

* Centers for Desease Control & Prevesion: <https://open.cdc.gov/apis.html>
* NCD Risk Factor Collaboration: <https://ncdrisc.org/data-downloads-diabetes.html>
* World Health Organization (WHO/OMS): <https://www.who.int/es/news-room/fact-sheets/detail/diabetes>

*Rough Breakdown of Tasks:*

* Check additional databases in other to find more resources for our analysis.
* Ideas of chart representations of our variables.
* Meeting Monday 26th at 20:00 hr.

*Brainstorming:*

* Salud: Diabetes – específico Tipo 1 – Mezcla de razas – Mercado USA.
* Definir los Tipos de Diabetes (<https://www.who.int/es/news-room/fact-sheets/detail/diabetes>).
* # Enfermos por raza / edad / educación / género / religión / nivel de ingreso / alimentación (estatus demográfico).
* Comparativo entre países.
* Definir Mercado (OMS) / Secretaría Salud EUA (CDC Diabetes) / Kaggle.
* Estadísticos: <https://gis.cdc.gov/grasp/diabetes/DiabetesAtlas.html#>
* Gráficos Maps: dispersión por área geográfica.
* Correlación de Diabetes con otras enfermedades.
* GIT: <https://tec.bootcampcontent.com/Tecnologico-de-Monterrey-Coding-Boot-Camp/tdm-mxc-virt-data-pt-03-2021-u-c/-/tree/master/Lessons/07-Project-1/1/ProjectGuidelines>

