# Smoking Cessation Survey

## Context

This is a survey for a study of smoking cessation project conducted by Prof. Teresa H Huber DNP from nursing department. The survey collected the 38 subjects participating the smoking cessation program running in Kentucky for the low-income persons. The data was collected during Feb 2016 to December 2016.

## Content

The data includes three files:

Demographics.csv: a CSV file includes the demographics information of all subjects.

Triggers.csv: the survey to answer if one factor is the smoking trigger for a subject.

WeeklyVitals.csv: a 12-week records of weekly vital signs and smoking for each individual subject.

## Evaluation

At the first half semester, we focus on the survey analysis. We will have 3 milestone submissions (including the presentation with slides) and one formal paper report.

* Presentation 1 on Data Preprocessing
* Presentation 2 on Data Analytics
* Presentation 3 on Data Visualization
* Paper

## Methodology

* This survey included 38 patients on continuous 12 week data.
* The original records were on paper. Some experts manually typed in the excel spreadsheet. If the value is empty, it means no data/value available.
* Since it is manually inputted, there are some typos. Also since it is healthcare domain survey, there are many domain specific terms.