You are provided with employment related data for a period of 8 years, from 2005-2012. The task is to analyze the data and answer 8 set of questions. The final task is to predict the employment status for the test set. Note that the test file as well as training file consists of data from all the 8 years. Creating a robust model that can handle such situations is part of the challenge.

File descriptions

- Training Dataset.xlsx- the training set. Employment data from 2005 to October 2012.
- Test Dataset.xlsx- the test set. You need to forecast the employment status for different Id's and from 2005-2012.
- Questions.pdf- Set of 8 analytical questions.
- Data Description

Data fields

- **ID**: An Id that represents a person within the training set
- **Education:** It represents Education level of a person (9^{th}, 10^{th}, $11^{th, 12th}$ grade, Associate, bachelor's, master's degree etc.)
- **Age:** Age of a person
- **Age range:** Age Range of a person (0-19, 20-29, 30-39……70-79, 80+)
- **Employment:** Whether that person is employed or not
- **Children:** Number of children a person has
- **Weekly earnings:** Earnings in dollars/week
- **Column k- Column x:** Average time spend by a person on a particular activity per day in minutes
- **Total:** Total of average time spend (In hours) by a person in a day.
  Note: values of this column may exceed above 24hrs (2 activities may have been considered twice). Like Food & drink prep is considered individually as well as in housework (Assumption)