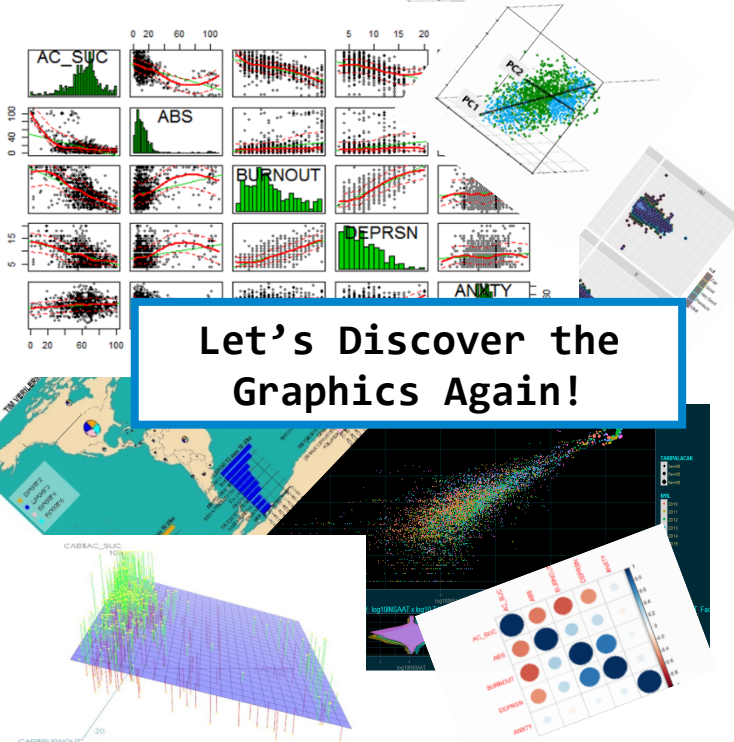# In Data World "Live Free or Die Hard"

Do you want to discover how to deal with the educational data?

Do you want to understand hidden patterns/rules in educational data?

Do you want to create more powerful graphics in order to explore?

Presenter:
Sebnem Ozdemir, PhD
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Boston, MA

Let's Discover the Graphics Again!

WHY?

From the very first stages, the process of accessing information can become a difficult endeavor, due to reasons such as a large increase in the volume of data, the increase in speed, the different types of data being available from different sources, doubts surrounding the validity and accuracy of data, and data that is difficult to utilize in its raw state. In addition to these causal factors, the limitations that also exist in an individual's ability to process data can make it difficult to carry out this task successfully. Advance data visualization techniques can be applied to diverse fields and provides flexible understanding and different approach. Considering the influence of education on societies, analyzing and interpreting data collected from such a critical field by using advance data visualization techniques would certainly generate important benefits. The goal of workshop is to present the power of advance data visualization techniques on educational data. R language will be used for that hands-on workshop.

HOW?

- Introduction to Educational Data Science
  - Who
  - Why
- Introduction to R
  - Installation
  - Understanding the R Environment
  - Basic Steps and Codes
- Data Visualization 1
  - Basic Graphics (Pie, Histogram, Bar, Boxplot)
  - Visualization of Correlation
  - Hands-on Applications
- Data Visualization 2
  - Advance Graphics
  - Multi Dimensional Graphics
  - Hands-on Applications

WHEN?

August 23th, 2018
12p.m. - 2:30 p.m.
To register
Please scan the QR code for registering
Or email
myildiz@nyit.edu