Educational Psychology Summer Courses in Data Management & Visualization

The WSU Educational Psychology program is offering two courses (ED_PSYCH 521 – Special Topics in Educational Psychology) in data management and visualization this summer. Using real data from broad social science contexts, both courses will seek to illustrate the art and science of cleaning, manipulating, describing, and visualizing data through various project-based data analysis tasks. Both SPSS and R (based on RStudio) will be used in class. No prior experiences in SPSS and R required to register for the course sequence.

Introduction to Data Management & Visualization (with SPSS and R)
(ED_PSYCH 521 Special Topics)
10:00AM – 12:00PM Every Weekday
May 07 – June 01, 2018

Advanced Data Management, visualization, and Software (with R and SPSS)
(ED_PSYCH 521 Special Topics)
9:00AM – 11:00AM Every Weekday
June 04 – June 29, 2018

Working with SPSS syntax and R commands
Importing & exporting data of various formats
Coding, computing, and transforming data
Handling string variables and text data
Tables, plots, and charts
Identifying patterns, trends, and distributions

Splitting, subsetting, merging, and aggregating data
Screening and dealing with outliers
Working with date variables and longitudinal data
Coding and handling missing data
Displaying and summarizing relationships
and more…

Instructors

Shenghai Dai, PhD
Robert Danielson, PhD
Kira Carbonneau, PhD

For more information about the courses, please contact Dr. Dai (s.dai@wsu.edu) or Dr. Danielson (robert.danielson@wsu.edu). Click http://schedules.wsu.edu/List/Pullman/20182/EdPsy for more courses we offer this summer.