

ARISE REU WORKSHOP

REGRESSION AND DATA ANALYSIS

JULY 11TH, 10:00 AM - 1:00 PM
University of Kansas: Gray Little Hall Room 1160
1567 Irving Hill Rd, Lawrence, KS 66045

Regression and its Applications

Workshop leader:

William Duncan

Position:

Data Science Professor at KU

The Kansas Data Science Consortium is pleased to partner with the ARISE Summer REU program to offer a workshop on regression. The topics included in the workshop are listed below:

Agenda (July 11th)

1. Introductions
2. Motivation for regression
3. Mechanics of regression in Excel
4. Worksheet to practice Excel
5. Mechanics of regression in R
6. Worksheet to practice R
7. Closing and further resources

The workshop will use Excel as well as R/RStudio. The Kansas Data Science Consortium will provide laptops with these software pre-installed. You are welcome to bring your own laptop and if you have these software available to you, you will be able to use your laptop for workshop activities.