# Introduction to Mediation and Moderation

## Dataset Used for Exercises

# Exercise #1: Mediation

The dataset provided with the exercises is called:

**hsbdemo.csv**

This is an extract from the High School & Beyond (HSB) dataset:

https://nces.ed.gov/surveys/hsb/

The main variables of interest in this extract are the following:

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| **id**: The adolescent ID in the study. |
| **female**: dummy variable to indicate if the adolescent is female (1) or male (0) |
| **ses**: Socio Economic Status of the adolescent’s family, in three categories from Low (1) to High (3) |
| **schtype**: Type of school, either public (1) or private (2) |
| **prog**: Type of programme attended, from general (1), to academic (2), to vocational (3) |
| **read**: standardised reading scores (M=50) |
| **write**: standardised writing scores (M=50) |
| **science**: standardised science scores (M=50) |
| **socst**: standardised social science scores (M=50) |
| **honors**: dummy variable indicating if the adolescent is enrolled in honors English (1) or not (0) |
| **awards**: number of awards received from 0 to 7 |
| **cid**: cluster id |
| **lowinc**: dummy variable to indicate the adolescent is from low SES family (1) or not (0) |