Collecting data is time consuming and economically costly and, for longitudinal and cross-cultural research, it is almost impossible for individuals to collect data on their own. Making use of public data has become one of the best and increasingly popular ways to conduct your own research. In this talk, I will share you with some of the public datasets that are widely used in educational research. These include Programme for International Student Assessment (PISA), Early Childhood Longitudinal Study-Kindergarten Cohort (ECLS-K), and the Investigation of Curriculum and Instruction which is an educational achievement dataset being developed in China. I will talk about the relevant variables, sampling strategies, and statistical techniques used to compile, analyze and manage these and other public data. In addition, I will give some examples to demonstrate the usage of these datasets.

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