CODEBOOK:

state: State in which the observation was taken

math: Math score of 8th-grade students on the National Assessment of Educational Progress (NAEP) assessment

reading: reading comprehensive score of 8th-grade students on the NAEP assessment

comp: total score of reading and math NAEP for 8th graders

year1: year data was taken for income and NAEP score

income: real median household income of the state

year2: year data was taken on racial demographic, homeownership, graduation status of the population, and poverty level

white: percentage of the state population that classify as White, including those of Hispanic and Latino descent

black: percentage of the state population that classify as Black

latin: percentage of the state population that classify as Hispanic or Latino

homeowner: percentage of the population that has ownership (full, partial, or mortgage) of their home

highgrad: percentage of the population age 25 and over with a high school diploma and higher

collegegrad: percentage of the population age 25 and over with a bachelor's degree and higher

poverty: percentage of people living in poverty in the state

1) Data 2020: (race, homeownership, graduate status (high school and bachelor) of population 25 years and over, poverty rate)

-adjust for state data

https://www.census.gov/quickfacts/fact/table/US/EDU635220

2)Data (standardized test scores (math and reading))

adjust for math, reading, and time variables

https://www.nationsreportcard.gov/profiles/stateprofile?chort=1&sub=MAT&sj=&sfj=NP&st=MN&year=2022R3

3)Data 2010: (graduate status (high school and bachelor) of population 25 years and over)

-adjust for state data using Geos variable

https://data.census.gov/table?tid=ACSDP5Y2020.DP02&g=0400000US06

4)Data (Real Median Household Income by State, Annual)

-save individual state data and create a new data set with the fifty states

https://fred.stlouisfed.org/release/tables?rid=249&eid=259515#snid=259517

5)Data 2010: (race)

-adjust for state, race, and ethnicity variables, calculate percentage manually

https://wonder.cdc.gov/single-race-single-year-v2016.html

6)Data 2010: (Home Ownership)

https://www.infoplease.com/us/family-statistics/homeownership-state-2000-2007-and-2010

7)Data 2010:(poverty level)

https://www2.census.gov/library/publications/2012/acs/acsbr11-01.pdf