Data: You will have the option to pick among the following data sets:

A. Birth weight data set `birthwt.csv` with reference
   https://stat.ethz.ch/R-manual/R-devel/library/MASS/html/birthwt.html
   - Factor response: `low`
   - Quantitative response: `bwt`
   - 8 predictors

B. 2004 New Car and Truck data set `04cars.csv` with reference
   http://ww2.amstat.org/publications/jse/datasets/04cars.txt
   - Factor response: `Type` (AWD is all-wheel drive, RWD is read-wheel drive, and Other)
   - Quantitative response: `Retailprice`
   - 14 predictors, multiple missing values (consider variables and/or observations)

C. Australian athletes data set `ais.csv` with reference
   https://www.rdocumentation.org/packages/alr4/versions/1.0.5/topics/ais
   - Factor response: `Sport`, with several levels
   - Quantitative response: `Bfat`
   - 11 predictors

D. Ozone data set `ozone.csv` from reference
   https://rdrr.io/rforge/bfp/man/ozone.html.
   - Factor response: `highOzone` (=0 for <10 ppm, =1 for 10 ppm or higher, for values of the maximum 1-hour average ozone level)
   - Quantitative response: `hourAverageMax`
   - 9 predictors (month, day, and tempElMonte are not included), several missing values

E. Calcium data set `calciumgood.csv` with reference
   http://ww2.amstat.org/publications/jse/datasets/calcium.txt
   - Factor response: `CAMLEVEL` (normal is 2.25-2.5 mmol/L, low is < 2.25, high is > 2.5)
   - Quantitative response: `CAMMOL`
   - 6 predictors, a few missing values