Basically, it is a 3D scatter-plot with three shades, which displays data points on a spatial space with different shapes, sizes and colors.

Instruction: the project can be compiled and run under Linux terminal as the following:
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:../lib
make
./main cars.okc

Then follow the prompts on the screen.
For example, cars.okc, you will get the following prompts:

How many variables of original data set you want to use (prefer all of them):
7

Please include the variables' serial number you want to use (1 - Max), separate by space, then press enter.
Include:1 2 3 4 5 6 7

According to Shape(Min) and Shape(Max) value, please input three proper cut-points for shapes(increasing), sperate by space, then press Enter:
-0.5 -0.3 -0.1

Please input sizeFactor (prefer 0.1):
0.1

According to Color(Min) and Color(Max) value, please input two proper cut-points for colors(increasing), sperate by space, then press Enter
-0.5 0.6

Please input three locations for vec4 pvaSet for attribute shape, size and color (must be 0 - 7):
1 3 6