Boxplot

<http://bl.ocks.org/jensgrubert/7789216>

<http://informationandvisualization.de/blog/box-plot>

add new type plot for vega

vvage-lite>src>compile>mark

boxplot :68

modeskew = (mean- median)/stdev;

<http://mathworld.wolfram.com/PearsonsSkewnessCoefficients.html>

ROBPCA : skewness + outlinear

Outliner

https://www.youtube.com/watch?v=bas3-Ue2qxc

Final goal:

abstraction level

learning user behavior

# Scagnostics

<script type="text/javascript" src="https://idatavisualizationlab.github.io/Scagnostics2018/scagnostics/build/js/scagnostics.min.js"></script>

msg += "<br/>1. Outlying score: " + scag.outlyingScore + ", outlying edge cut point: " + scag.outlyingUpperBound;

//Skewed

msg += "<br/>2. Skewed score: " + scag.skewedScore;

//Sparse

msg += "<br/>3. Sparse score: " + scag.sparseScore;

//Clumpy

msg += "<br/>4. Clumpy score: " + scag.clumpyScore;

//Striated

msg += "<br/>5. Striated score: " + scag.striatedScore;

//Convex

msg += "<br/>6. Convex score: " + scag.convexScore;

//Skinny

msg += "<br/>7. Skinny score: " + scag.skinnyScore;

//Stringy

msg += "<br/>8. Stringy score: " + scag.stringyScore;

//Monotonic

msg += "<br/>9. Monotonic score: " + scag.monotonicScore;