



Animaly score

Mathematical Formula : Compute anomaly score for a new Point

$$S(x,m) = 2 \frac{E(h(x))}{c(m)}$$

m= no of data points

X = Data point.

E(h(x))= Average search depth for x from the isolate force. C(m) = Average depth of h(x) [Threshold > 0.5]

E(h(n)) << ((m) =) S(x,m) = 1 =) Anamoly (core =) Outliers E(h(n)) >> ((m) =) S(x,m) => 0.5 =) Normal data point