

Ahomaly Score

Mathematical Formula: (umpuk anomaly Score for a new point.

$$\frac{-E(h(n))}{S(x,m)=2} \qquad m = No \cdot of deta point = 0$$

$$S(x,m) = 2 \qquad ((m) \qquad x = Deta point = 0$$

E(h(x))= Average scarch depth for a from the isolated tree.

((m) = Average depth of all the data points

Throshold > 0.5

 $F(h(x)) \geq C((m)) = S(x,m) \approx 1 = )$  Anamoly score = ) Outliers. F(h(x)) > C((m)) = )  $S(x,m) \approx 0.5 = )$  Normal data points