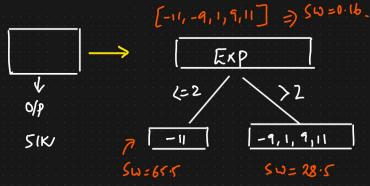
Xgboost Regressor Mh Algorithm

Datact Regressed
$$\frac{1}{\sqrt{1}}$$
 $\frac{1}{\sqrt{1}}$ $\frac{1}{\sqrt{1}}$

lean

Steps

(1) Creak a Base Model @ Residual Computation (3) Construct DT1 using {11, R13



Similarly weight =
$$\frac{5(Residual)^2}{No \cdot g(Residual)^2}$$

 $No \cdot g(Residual)^2$
 $Sw(field) = \frac{121}{14}$
 $\frac{1}{121/2} = 65.5$

$$SW(Right child) = \frac{(-14+114+11)^2}{4+1}$$

$$= \frac{144}{5} = 28.5$$

Banc Learner

SIK

DT1

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$$\begin{bmatrix} 1, 9 \end{bmatrix} \quad \frac{1+9}{2} = \frac{\zeta}{2}$$

of Regresson}

Similarly Weight = \(\lambda \text{(Residual)}^2\)
\(\frac{2}{Pr(1-Pr) + [\lambda]}