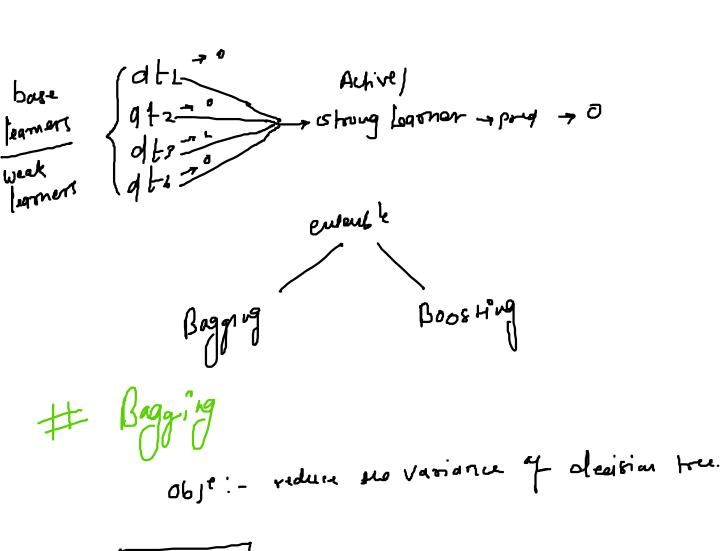
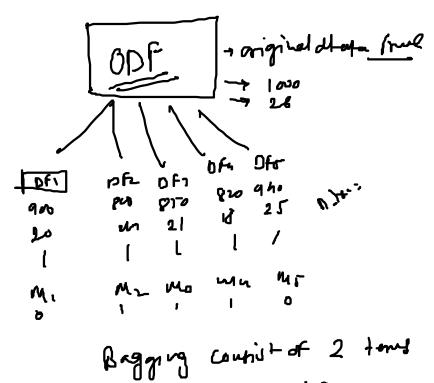
Ensemble = Assumble

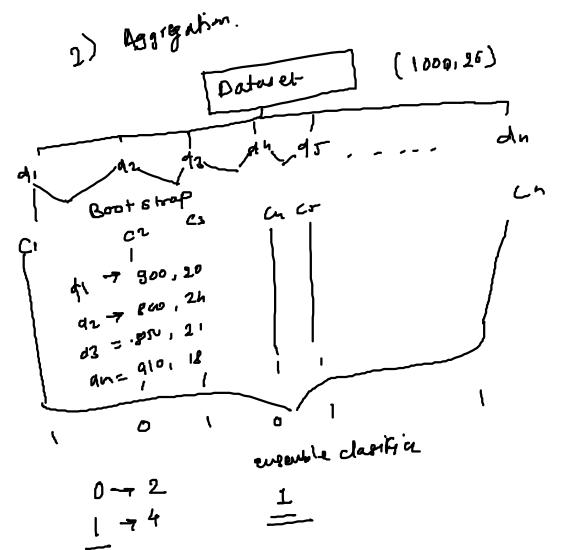




I) Boot straping

x1 | X2 | X3 | X4 | X5 | T

DFL = X, X2, X2, X5 DF2 = 92, X2, X4, X5 DF b = X1, X1, 284, X3 DF4 = 21, X2, X3, X31) Boot straping I sampling tehniar to create subset of your miginal dated of



A for predicion we are poling Clasen Kith the Characteristication

1) Hard voting (majority voting) (man court) 0 } chast = 0 للمعرر M, >7 [0.9, 0.1] W2 77 [0.8,0.2] m3 >> [0.3 30.7]

sof voing (probabilities)

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o) Sof voting (probabilities)
$$p(0) = (0.8 + 0.8 + 0.3)/3 = 0.67$$

$$p(1) = (01 + 0.2 + 0.7)/3 = 0.83$$

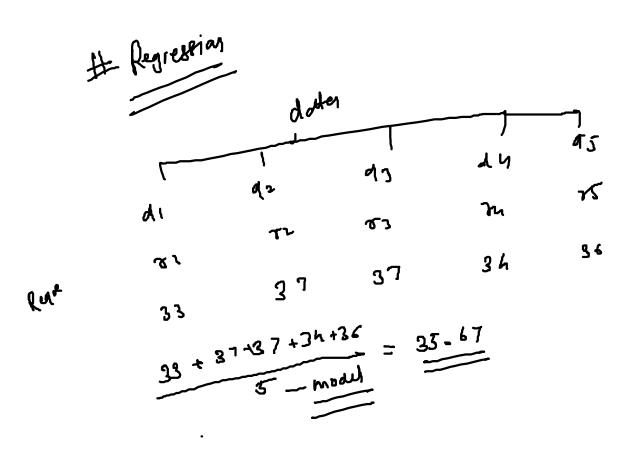
$$(370)/3 = 0.83$$

$$0, 1, \frac{1}{2}$$

$$0, \frac{1}{2}, \frac{1}{2}$$

$$0, \frac{1}{2}, \frac{1}{2}$$

$$0, \frac{1}{2}$$



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<u>s</u>3 (

