Ensemble Technique

1 Bagging

2 Brosting

X 3 Stacking

Bagging

New point

M. DT - 1

New point

M. Dog. Reg. - 0

May SVC - 1

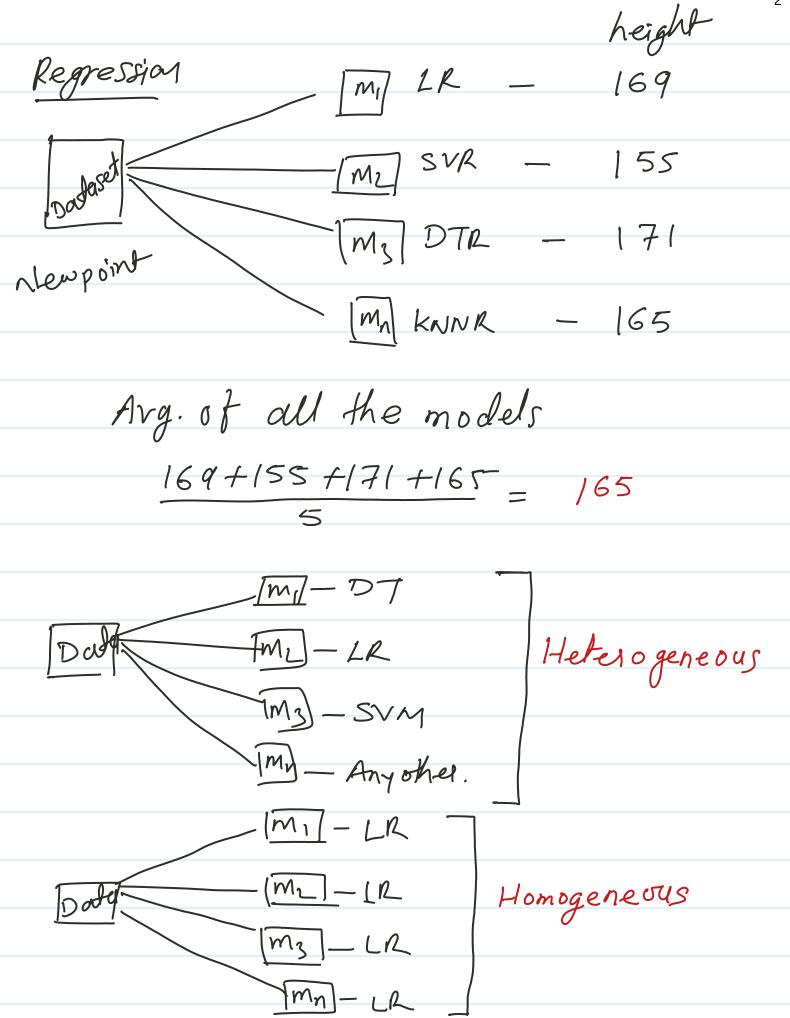
For class; ficulian

problem

1/0

class - 1 3 vote class - 0 1 vote

Newpoint - class 1



Boosting

 $Dataset > M_1 M_2 W M_3 W M_1$ week learnern Ensemble learning (1) Bagging -> Parallel learning 2) Boosting -> Sequence learning

Bagging - Random førest

13 oosting - 1) Ada brost 2) Gradient brost 3 × G Boost