Project-2

- (1) EDA each grap conclusion?
- a) central tendency for latitude 24.97 central tendency for longitude 121.545
 - b) Inverse lyperbolic relationship b/w response of x3 (distance to heavest metro station). Non linear relation
- c) So as the distance from nearest Metro attation increases the price of house decreases
- d) X4 is discrete v.v & now we obtain CT's destratements
- e) Now obtain a regression plot blw age of house of price. We obsome that as age 1, there is a decline in price. It can be well estimated by regression plot.
- f) In again me consider the effect of practuce of conventional stores. So for each value of age if the hause conventional stores price values tends to be high.
- 4) Again me can consider the effect for the some locat observed from CT of latitude of longitude.
- h) We obtain correlation heat map to see the response of productors are associated.

 We observe strong regative correlation b/w distance from Metro stars.

 and no of convenient stores.
 - Now multi collinearly does not exist, if it had existed then it shall affect linear kerned. So accordingly some action would have been taken to avoid multi collinearity
 - If I remove "distance from matra Star" then accurage was reduced indicating 1055 of inj. 5. it was better to keep both. Further they both here deferent relationship veryours.

on is tive & other is negative, so they both provide out, if my.

EVM - Kernel = lines = obj = polynomial

tuning hypor paremeter

Conclusion:

There is certain other significant features nussing which can help to improve accuracy.