DUTLIER REMOVAL

BE SURE WHAT YOU'RE DOING!!!

STRATEGIES FOR FINDING 1-D OUTLIERS:

3- SIGMA RULE

CHEBYSHEV INEQUALITY

3- IOR RULE -

- SCALING

VARIABLES ARE MEASURED IN SPECIFIC UNITS: MEANING ERRORS IN VARIABLES ARE MEASU RED IN SPECIFIC UNITS AS WELL!

- min max Scaler ?
 - Standard Sculer)
 - = Robert Scaler

CATEGORIONU ENCODING

MATH MODELS CONSUME MATH! HOW CAN WE TREAT CATEGORICAL VARIABLES?

- One Hot Encoder
- Ordinal Encoder

TRAIN/TEST/VALIDATE FRAMEWORK

WE MUST AVOID OVERFITTING!

- train_text_split()
- CROSS- VALIDATION

lower limit = $\mu - 30$ 7 upper limit = je + 30

M ± 30 × 88%. of data n ± 50 ~ 96% of data

> IQR = Q75 - Q25 lover limit = QZ5- IQR upper limit = Q75 + IQR

- SUFFER FROM THE PRESENCE OF OUTLIERS

> more complex, HARD TO INTERPRET

MISSING VALUES

- DROP UNECESSARY COWM &S
- DO MISSING VALUES HAVE MEANING?
 - Simple Imputer?