

Data Preprocessing



Manual

Auto

1 Missing value larni toltiramiz

2 Encoding (Categorical to numerical)

3 Scaling (Juda katta va juda kichkina qiymatlarni
balanslashtirish uchun ishlatilinadigan Data
Preprocessing bo'limi)

***Tushirib qoldirilgan qiymatlarni toltirmasak nima
boladi?***

Kod umumamn ishlamay erorr berishi mumkin (stop
bolip toxtap qolishi mumkin)

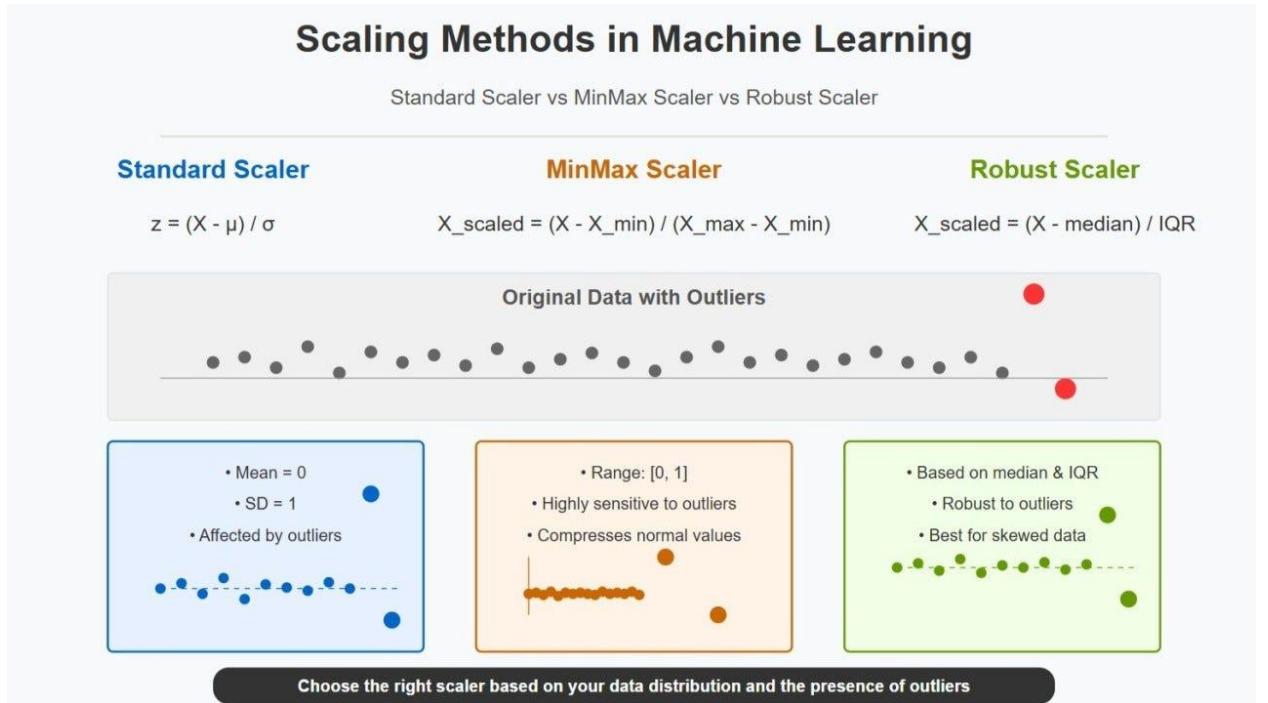
Yoki

Ishlashi mumkin lekin hato predict qilishi mumkin

Scaling qolash qoidalari:

1) Numeric Categorical qiymatga scaling qilish
hojot yoq

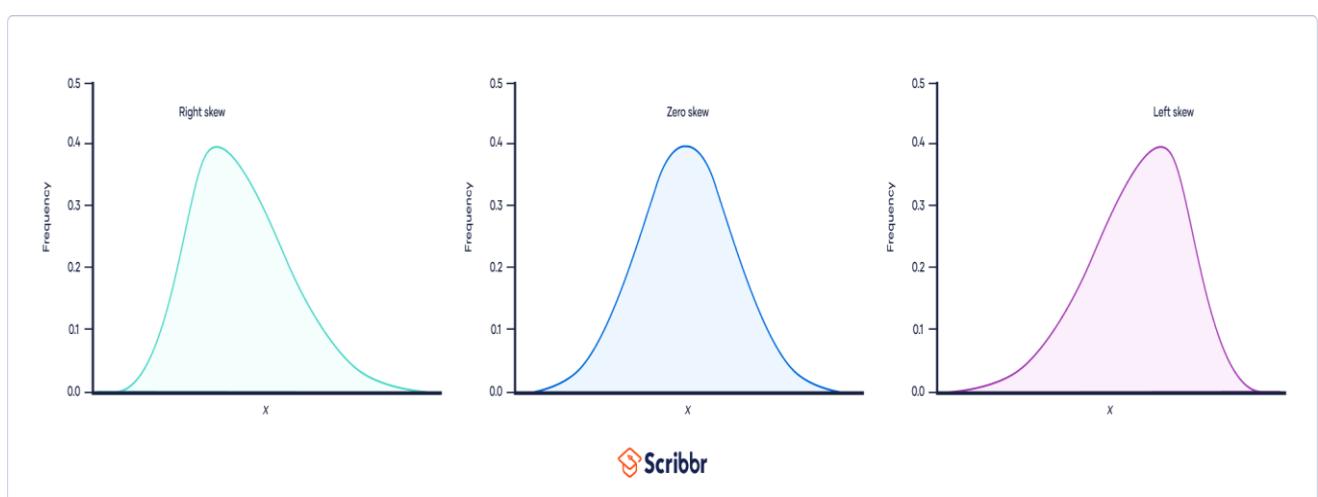
2)[0,1] Qiymatlar ozidan ozi kichkina bolsa [0,1] scaling qilish hojot yoq X



MinMax scaler aniq konkret [0,1] oraliqa tushirib beradi

Lekin Standard va Robust ta boladigan bolsa manfiy tarafga otib ketishi mumkin

Symetric va skeweness degan tushinshalar bor



Raw Data-----Data tanishuv-----PR-----M----- *Model Selection*(Algorithm=Method)

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