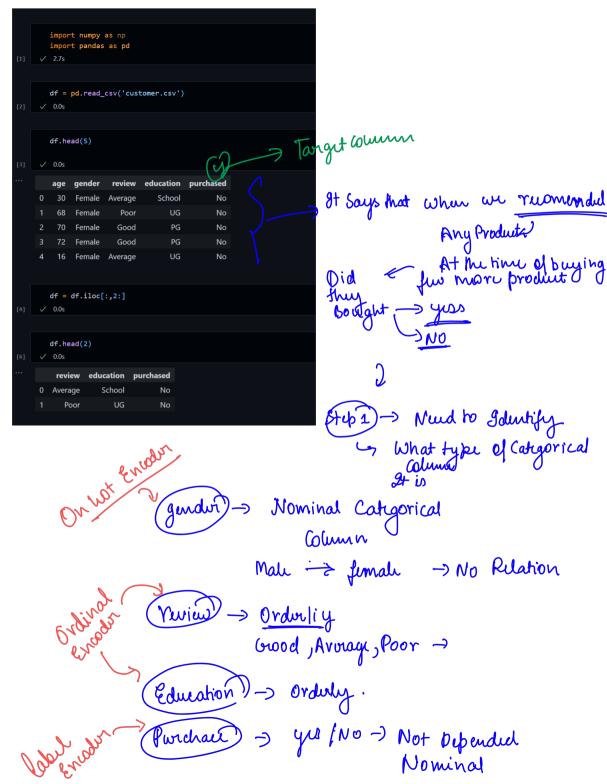
& Encoding Categorical Vouiable G Feature Eng J > Feature transform Encoding. Catgorical. feature Scaling data > Numerical Nominal Categorical -> Catgorical Data thou isn't any Ordinal t or ruation Rulation V --- State Marko Excellent t

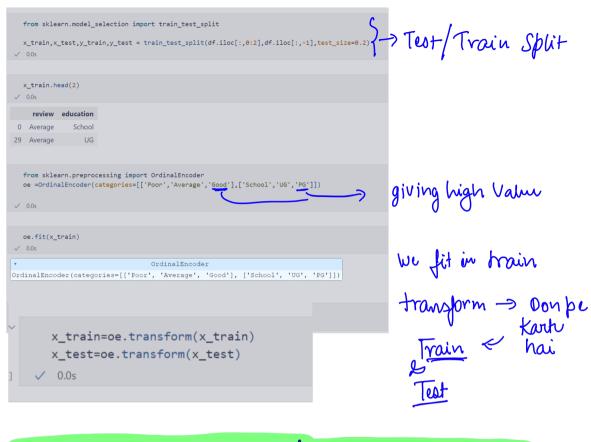
Review good 1 - College Branch Encoding Categorial > Ordinal Encoding

On hot Encoding (Nominal Encoding) Label Encoding (label Encoding) grent X --

Categorical general have Cangorical Value Mostly in 1 L Classifier hou we was lakel Encoding Education we will be transform P 64 thou is a Relation on HSTUGITPO So 21 will be < Ph=2 \ Uh=1 \ Hs=0 \



-> It is complex education purchased age gender review **Female** School Average No **Female** UG **Poor** No 70 **Female** Good PG No 72 **Female** Good No PG 16 **Female** Average UG No We need to remove gender Some for review And then Apply On hot Encoding thun Attach > Sowe have one To Complex Class in Scileann Pipline Ke through Column transform Ke through Ek Sath Karudege



We need to make Swe > for Output 60mm n only

```
from sklearn.preprocessing import LabelEncoder
  le = LabelEncoder()
  le.fit(y_train)
✓ 0.0s
* LabelEncoder
LabelEncoder()
  le.classes_
✓ 0.0s
array(['No', 'Yes'], dtype=object)
  y_train= le.transform(y_train)
  y_test= le.transform(y_test)
 ✓ 0.0s
  y_train
✓ 0.0s
0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1])
```