

Gender	Answer	Sal #
M	Yes	200
F	No	300
M	Un	400
M	No	200
<u>F</u>	Yes	<u>300</u> ✓

get\_dummies

② M F

Sal	Gender_M	Gender_F	Answer_NO	Answer_Yes	answer_un
200	1	0	0	1	0
300	0	1	1	0	0

Nominal

Ordinal

Continuous data \*

Salary  
Height

Categorical data

Yes

No

Nominal

order

Male  
Female  
color

ordinal

Size

18, 20, -

small m.

1  
2

① Label encoder male = 1: weight  
female = 2 ↓ slope

② One hot encode  
or get dummies

③ Embeddings \*  
↓ image  
NLP

10 d.

king male  
UK US

Queen Female

(3)

embedding  
best.

go —  
come —  
run —

7 million  
vectorize