Types of Encoding

categorical variable

as like. Gender.
female }
Male }

Categorical variable

| ① Nominal Encoding | ② Ordinal Encoding |

→ Don't worries about order.   → Rank or Order matter.

(Technique)

		BE	PHD-1
① →	One hot encoding.	BCOM	MAS-2
		PHD	BAL-3
② →	One hot encoding, many categorical.	MASTER	BCOM-4

→ Select top freq feature than apply one hot enc.

① → Label Encoding.

③ → Mean Encoding.

② → Target guided Ordinal Encoding.

→ If. categories - 50
top freq. feature = 10
than column > 9

One hot encoding → Dummy variable

→ 4 Category

  4-1 = 3 Column

→ 5 Category

  5-1 = 4 Column

One column skiped

Suppose   State

Germ003n

Spain

~~France~~

German	Spain	France
1	0	0
0	0	1
0	1	0

→ we can skip one column.