**Categorical**

* Can’t calculate average, neither deviation
* No outlier
* No correlation (Pearson)
* Can’t normalize neither standardize
* Scatter plot

**Numerical**

* one\_hot\_enconder: variables are gonna be transformed into vectors
  + Let’s say a is 1, b is 2 and c is 3. Therefore, in a vector it is gonna be (1, 0, 0) for a, (0, 1, 0) for b and (0, 0, 1) for c
* Histograms

**General exercise**

* Classes are gonna be either edible or poisonous
* One\_hot\_encoder: is gonna work like a flag. Every attribute is a vector and it gets one where it actually is. For example: cap-shape has 6 possible options, so it’s gonna have 6 bits and 1 where the category is for the current mushroom.