Data Processing and Feature Engineering: Encoding Categorical Variables Categorical (also called discrete), -Attribute can take a finite set of valves Emmples color E (red, green, blue) is Fraud & (true, false) Pandas supports special dtype = "category" Ordinal - categories are ordered e.g. size - small, medium, large Nominal - categories are unordered Issue: Categoricals are offen represented as text but many algorithms
require numericals as in put
- we need special euroding to convert
categoricals into numerical representation loan_approval ~ encode yor N as 150 yardunside - ordinal (S,M,L) use pandas map function N- no garden 0,5-5, M-10, C-20 use label rencod or from six learn whom so between If no ordering, or no relative & categories sizing, conversion Imapping will not give is a good result.