Encoding Nominals

Encoding nominals with integers is wrong, lecause the ordering and size of the integers are meaningless e.g. 61401, green 2, orange 3 - x

One hot encoding is better
explode nominal aftributes into many
binary attributes, one for each dischete

Use sklearn. preprocessing. One Hot Encoder 44e pandas get-dummies

Use the one hot encoded features in place of

Encoding with Many Classes

What about having many classes in a feature
- Feature with 50 states
- Feature with 190 countries

Define a hierarchical structure

Example: Zip code - use regions -> and choose a specific level to encode the Zip column Try to group levels by similarity to reduce the overall number of groups

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