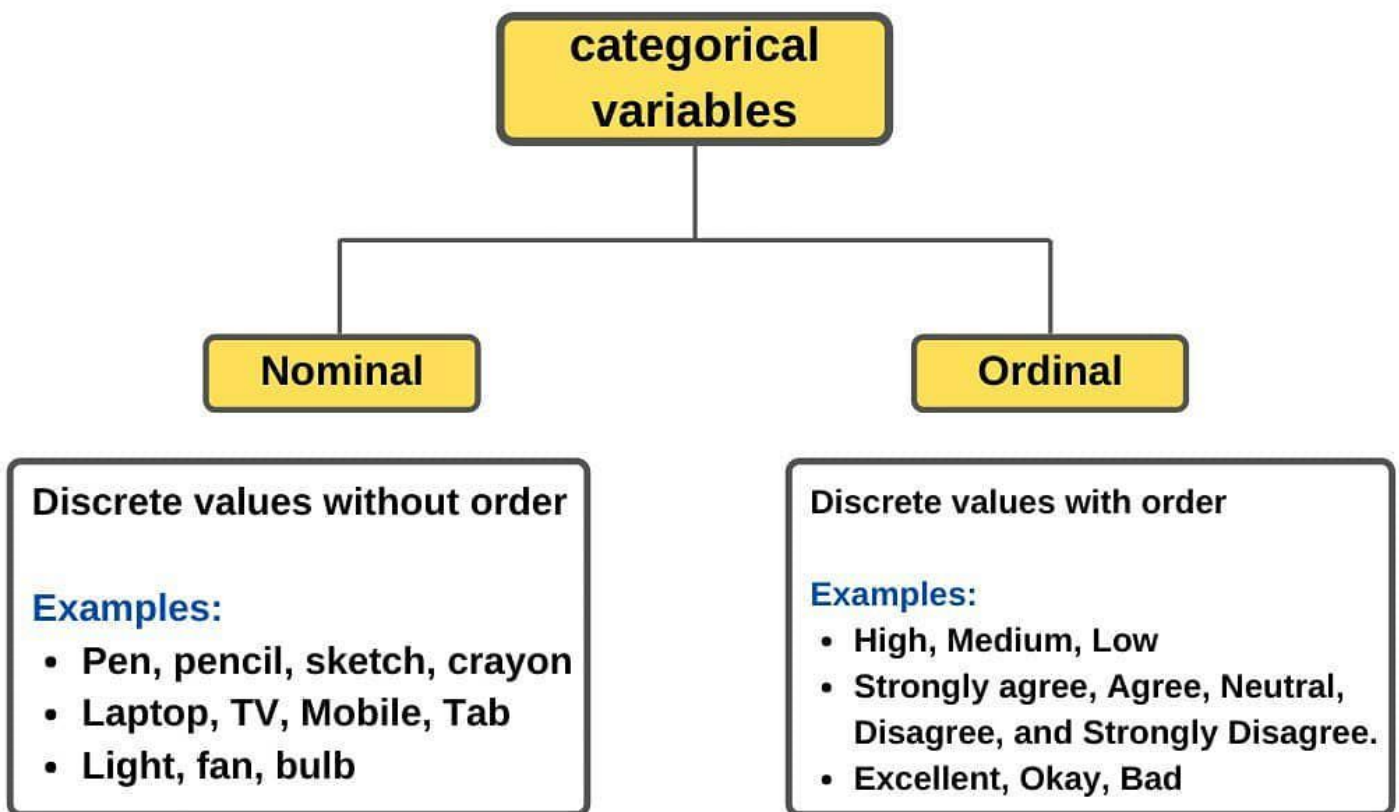


Different encoding techniques for categorical variables

Most of the machine learning algorithms cannot handle categorical variables unless we convert them to numbers. Better encoding of categorical data can mean better model performance.



Classic encoders

Ordinal Encoding

OneHot Encoding

Binary Encoding

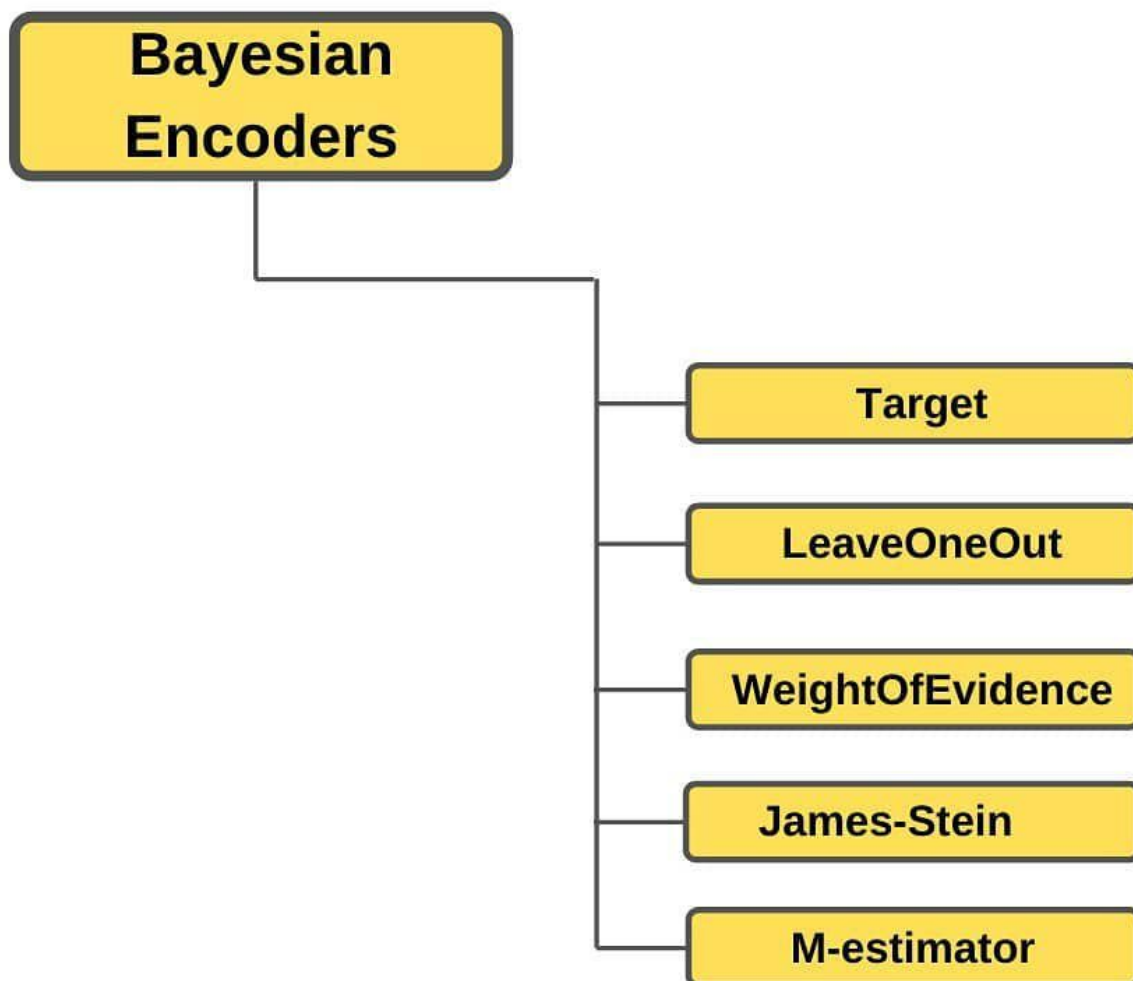
BaseN Encoding

Hashing

Sum



The Bayesian encoders use information from the dependent variable in their encodings. They output one column and can work well with high cardinality data.



Contrast Encoders

Helmert

Backward Difference

Polynomial



You can see the HD image of this on our telegram channel

Categorical Encoding Methods Cheat-Sheet



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