

Linear Separability: If the data from two or more classses can be separated by a line in 2D and a hyperplane in n-D (n>2).



Not Lincarly seperable

f(y, x) = y - (m x + c) $l = f(\mathbf{x}) = \mathbf{w}^ op \mathbf{x} + w_0$









Multivariate outputs



Multivariate inputs





Symmetries

In all these regions, there exists a lot of symmetries and repeated patterns.

