Machine Learning 1 - Notes

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1 <u>Intro</u>

Notation 1.1

1. N: number of data samples

2. D: dimensionality of input data

3. K: number of output predictions (labels or tags)

4. x_n: row vector for n^{th} sample

Models, Algorithms, etc 1.2
A model:

- Belongs to a `model class`, with corresponding `complexity`

- Depends on `parameters` θ

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