# What is Machine Learning? In-class Exercise 1

EL-GY 6143 Intro Machine Learning. Prof. Sundeep Rangan

## Question

For each of the proposed algorithms below, indicate whether the use a machine learning (i.e. data driven) approach or not (e.g. expert or domain knowledge)

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| Num | Algorithm | ML Approach? | |
| Yes | No |
| 1 | A robot determines its route in a room using a shortest path algorithm combined with data on the obstacle locations. |  |  |
| 2 | You predict the weather tomorrow using data on how whether has changed in the past. |  |  |
| 3 | A computer program playing poker decides to fold or not fold in a game by calculating the probability that its poker hand is the best. |  |  |
| 4 | A program estimates whether a customer will purchase a product from sales records of past customers and their attributes. |  |  |