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)

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.		