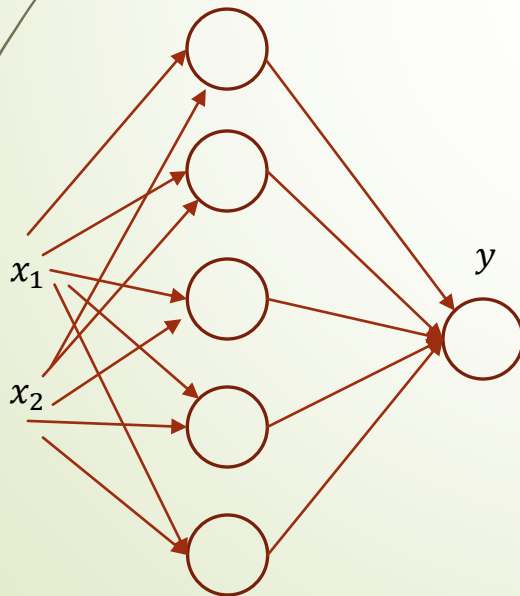# Assignment 1

➡ Two sensors are installed in Susquehanna river that can measure the level of the water on two different locations. Their measurements goes through a neural network and the output shows if there is a chance of flood or not (y=1 means there is a chance of flood). Suppose sensor 1 shows 0.3 feet while the second one shows 0.4 feet. Is there any chance of flood?

➡ Please use Python to answer to the question.

➡ Please generate *Random* vectors and matrices (using numpy) for weights and bias. (*seed =289*)

➡ You must explain your final result.