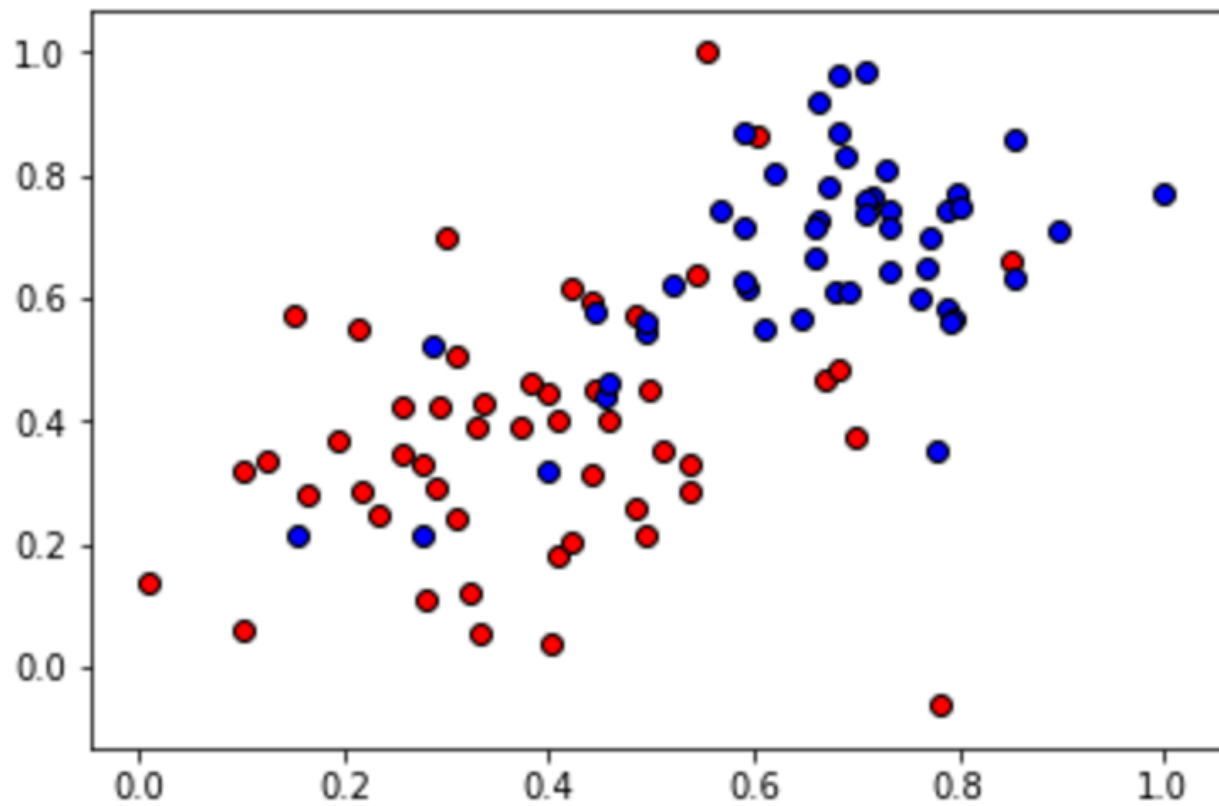# Implementing Gradient Descent

In the following lab, you'll be able to implement the gradient descent algorithm on the following sample dataset with two classes.

Workspace

To open this notebook, you have two options:

- Go to the next page in the classroom (recommended)
- Clone the repo from Github and open the notebook **GradientDescent.ipynb** in the **gradient-descent** folder. You can either download the repository with `git clone https://github.com/udacity/deep-learning.git`, or download it as an archive file from this link.

Instructions

In this notebook, you'll be implementing the functions that build the gradient descent