

# Iris flowers -

Classification based on petal  
attributes

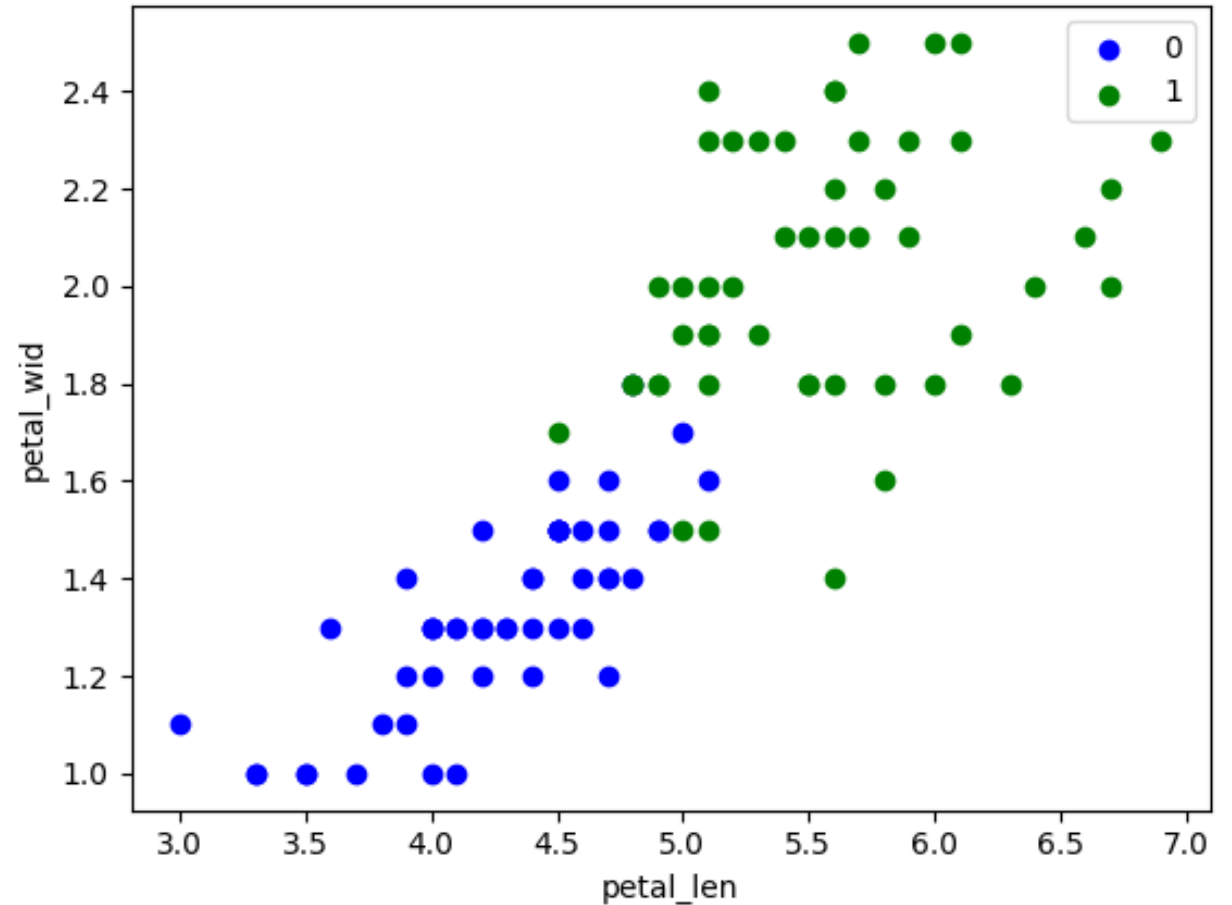
Tobias Höpfl

Preliminary results



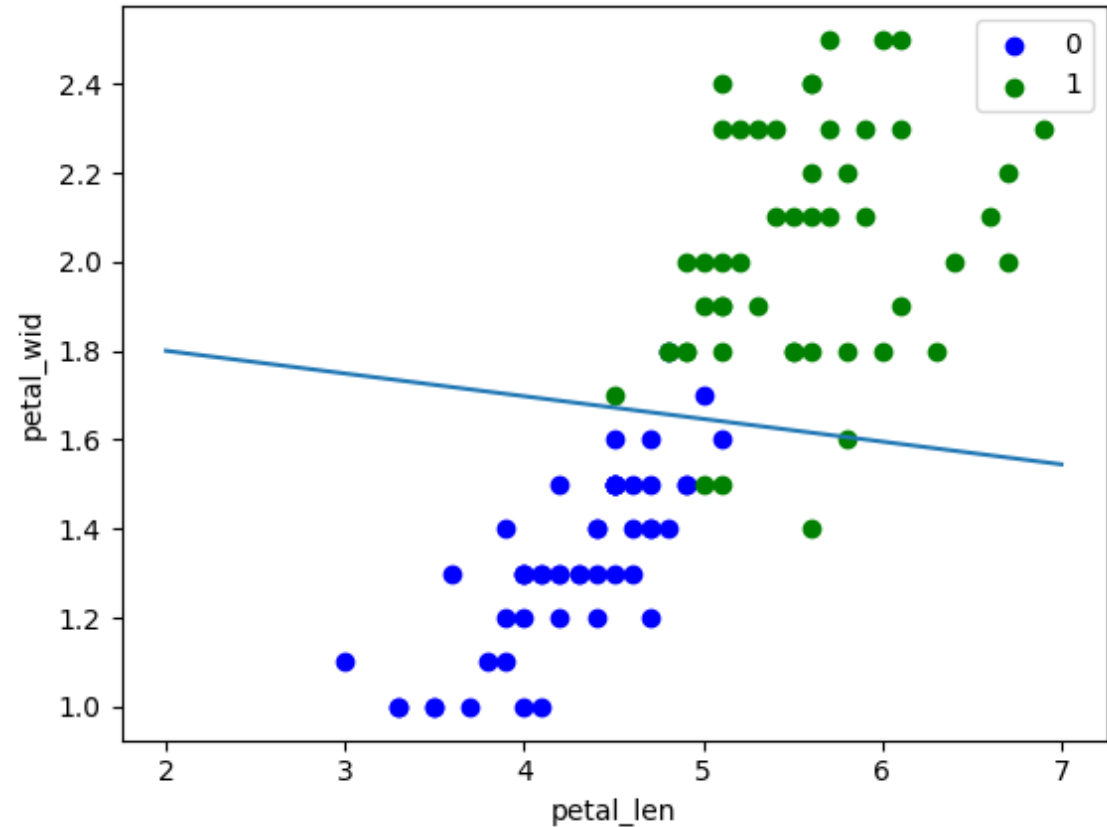
# Data visualization

- Different kinds of the iris flower should be distinguished based on their petal length and width
- Very well-known data set in machine learning



# Classification based on TLU

- Simple TLU constructed like in the last assignment



# Classification based on Neural Network

- Two layer neural network with ReLU
- Does not provide better results than TLU yet
- Degenerates towards a solution where every instance is categorized as the same class
- Further experimentation and debugging required

