

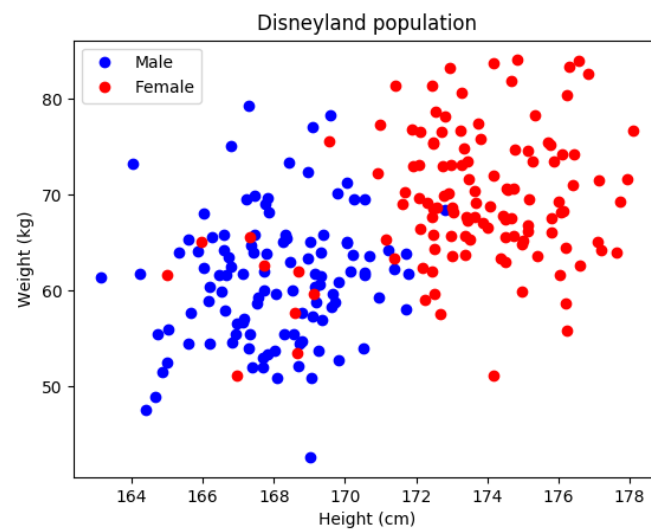
Exersice Sheet 1 (Solution)

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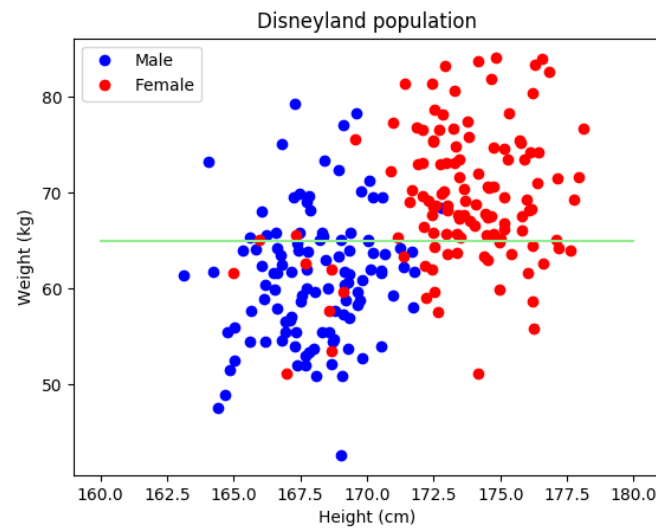
May 2

3. Distribution of weight and height among the citizens genders

(a) Scatter plot

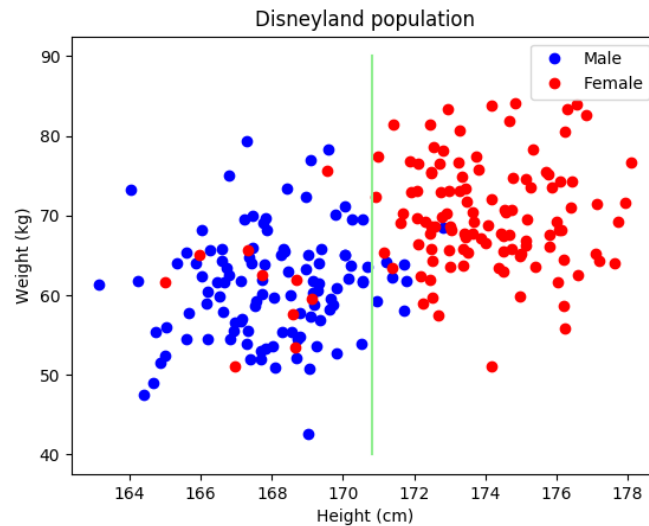


(b) Scatter plot with horizontal line to best separate male and female citizens

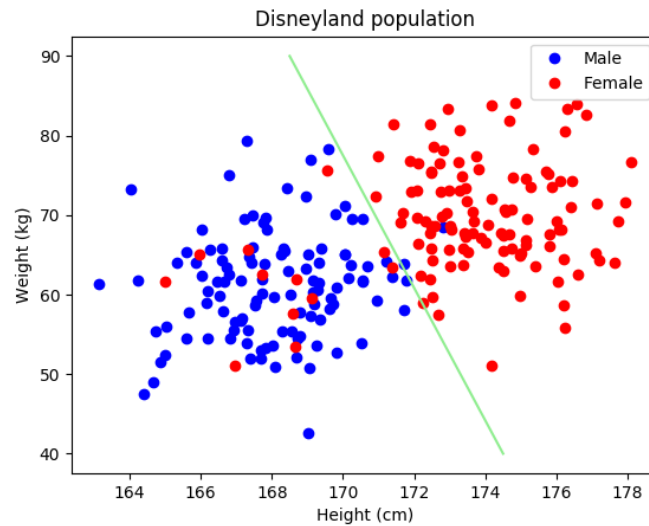


(c) We would say that he/she is his father, but we cannot guarantee that because we do not know the hight value.

- (d) Scatter plot with vertical line to best separate male and female citizens



- (e) We would say that he/she is his sister, because according to the plot, almost all of the citizens above the height of 173 are females.
- (f) Scatter plot with line to best separate male and female citizens



- (g) We would classify he/she as a "female" and no we would not classify differently if we use (b) or (d) lines because all of the citizens in that area are females.