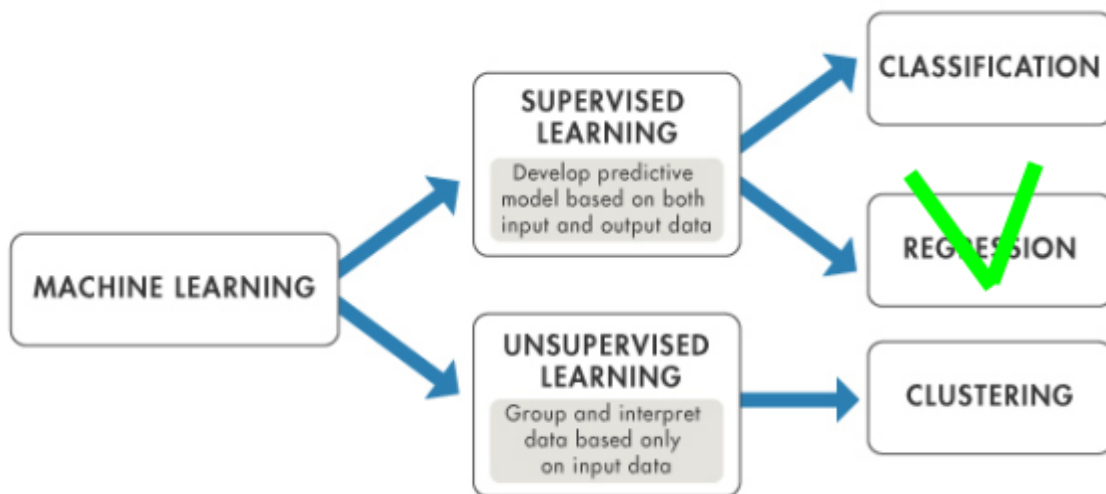


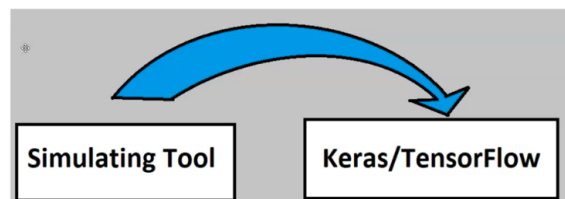
# [2021.09] Python Keras DNN exercise (Linear Regression) (Age, Height)



## Video

Get started with Machine Learning i Python.

See Video [“From DNN Simulator til Keras”](#)



## Exercise

Again we use the same data, seen here to the right.

Now you need to use this data and make a Linear Regression solution with python, using the similar python code, as in the two previous exercises.

After training is complete, test that your model gives reasonable predictions.

### Important:

In order to get a neural net to give a linear result (as you would expect for this situation), you can set the last layer to be:

**Dense(units=1, activation='linear')**

	A	B
age (years)	height (cm)	
1	75	
3	92	
5	108	
7	121	
9	130	
11	142	
13	155	

**Extra:**

If you like to see the data as a diagram, use matplotlib. See more [here](#).

```
[<matplotlib.lines.Line2D at 0x7fdb87d48a90>]
```

