heart.csv X

1 to 25 of 303 entries					s Filt	Filter	
	age	sex	ср	trestbps	chol	fbs	res
	63	1	3	145	233	1	0
	37	1	2	130	250	0	1
	41	0	1	130	204	0	0
	56	1	1	120	236	0	1
	57	0	0	120	354	0	1
	57	1	0	140	192	0	1
	56	0	1	140	294	0	0
	44	1	1	120	263	0	1
	52	1	2	172	199	1	1
	57	1	2	150	168	0	1
	54	1	0	140	239	0	1
	48	0	2	130	275	0	1
	49	1	1	130	266	0	1
	64	1	3	110	211	0	0
	58	0	3	150	283	1	0
	50	0	2	120	219	0	1
	58	0	2	120	340	0	1
	66	0	3	150	226	0	1
	43	1	0	150	247	0	1
	69	0	3	140	239	0	1
	59	1	0	135	234	0	1

Show 25 **→** per page 1 2 10 13

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from sklearn.model_selection import train_test_split
X_train, X_test, Y_train, Y_test = train_test_split(X,
from sklearn.preprocessing import StandardScaler
sc = StandardScaler()
X_train = sc.fit_transform(X_train)
X_test = sc.transform(X_test)
ann = tf.keras.models.Sequential()
ann.add(tf.keras.layers.Dense(units=6,activation='relu
ann.add(tf.keras.layers.Dense(units=1,activation='sign
ann.compile(optimizer='adam',loss='binary_crossentropy
ann.fit(X_train,Y_train,batch_size=32,epochs=100)
     Epoch 1/100
     3/3 [======= ] - 1s 9ms/s
     Epoch 2/100
```

```
Epoch 3/100
3/3 [=======] - 0s 6ms/s
Epoch 4/100
Epoch 5/100
Epoch 6/100
3/3 [======== ] - 0s 6ms/s
Epoch 7/100
Epoch 8/100
3/3 [======== ] - 0s 6ms/s
Epoch 9/100
3/3 [======== ] - 0s 5ms/s
Epoch 10/100
3/3 [======== ] - 0s 5ms/s
Epoch 11/100
Epoch 12/100
Epoch 13/100
3/3 [======== ] - 0s 8ms/s
Epoch 14/100
3/3 [=======] - 0s 5ms/s
Epoch 15/100
Epoch 16/100
3/3 [======== ] - 0s 6ms/s
Epoch 17/100
3/3 [======== ] - 0s 4ms/s
Epoch 18/100
3/3 [======== ] - 0s 4ms/s
Epoch 19/100
3/3 [========] - 0s 5ms/s
Epoch 20/100
3/3 [======== ] - 0s 5ms/s
Epoch 21/100
3/3 [======== ] - 0s 5ms/s
Epoch 22/100
3/3 [======== ] - 0s 5ms/s
Epoch 23/100
3/3 [======== ] - 0s 4ms/s
Epoch 24/100
3/3 [======= ] - 0s 4ms/s
Epoch 25/100
Epoch 26/100
3/3 [======== ] - 0s 5ms/s
Epoch 27/100
Epoch 28/100
```