TIES 4911 (2024): Guidelines for the Demo 1

Your surname: Your first name		`	•	
Form the groups	of 3 persons			
Demo Group mei - -	mbers:			
Demo-1_Task-1	:			
	te results of your Ta 1-1 and Task-1-2 con	sk-1 to the group men npletion.	mbers. Make cross-	and self-evaluation of
Name	<your name=""></your>	< member name>	< member name>	< member name>
Evaluation				
	te results of your Ta ation of this task as v	sk-1-3(extra) (if done well.) to the group memb	ers. Make cross- and < member name>
Evaluation	., , , , , , , , , , , , , , , , , , ,			
 Build ow performar Take coluindependent highway- (make, book 	a Linear R ors.jyu.fi/~olkhriye/ti or DNN and scikince. omn [price] as dependent parameters: mak mpg. Predict the "pri	egression model es4911/demos/demo1/ t-learn LinearRegre dent parameter (our properties, body-style, wheel-bece' value for the following in e-size, horsepower, properties (o. 5500, 221)	Automobile price dessor based models rediction target) and base, engine-size, howing input:	and compare their following columns as prsepower, peak-rpm,
DNN: Predicted	value: ne trained model: rRegressor:	· · · · · · · ·		

Present the results: code, predicted value and accuracy of your trained model...

Score of the trained model: _____

Make self-evaluation of the group work with respect to a personal contribution of each member and distribute 100 points among team members:

Name	<member 1="" name=""></member>	< member name 2>	< member name 3>
Points			

Files to include in the demo results (archive file ties4911-demo01-(your_surname).zip):

- o Demo-1_Task-instructions.doc (this file)
- o source code (.py or .ipynb, files), of the Demo task 2.

Send the results as an archive to lecturer (oleksiy . khriyenko @ jyu . fi) before the deadline (end of 28.01.2024).

Some relevant links:

https://github.com/Avik-Jain/100-Days-Of-ML-Code/blob/master/Code/Day%201 Data%20PreProcessing.md

https://stackabuse.com/tensorflow-2-0-solving-classification-and-regression-problems/

https://www.bogotobogo.com/python/scikit-learn/scikit_machine_learning_Data_Preprocessing-Missing-Data-Categorical-Data.php

https://machinelearningmastery.com/how-to-prepare-categorical-data-for-deep-learning-in-python/https://www.tensorflow.org/tutorials/structured_data/feature_columns