

File - TrainAndSave_NN_EmbeddingWithRelu

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1 C:\ProgramData\Anaconda3\python.exe "D:/Programs/Dropbox/Rushi_Updates/CarculusInteractiveSystem/SystemPackages/
PredictionModels/FirstReluNNModel - Copy/TrainAndSave_NN_EmbeddingWithRelu.py"
2 2022-04-18 09:19:37.548542: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
library cudart64_101.dll
3
4
5 [18/04/2022 09:19:49]
6 %%%%%%%%%% Running Script:: SystemGlobalParameters %%%%%%%%%%
7
8
9
10 [18/04/2022 09:19:49]
11 %%%%%%%%%% Running Script:: BasicFuntionsAndMetadata %%%%%%%%%%
12
13
14
15 [18/04/2022 09:19:49]
16 %%%%%%%%%% Running Script:: DatabaseInteractionFunctions %%%%%%%%%%
17
18
19
20 [18/04/2022 09:19:49]
21 %%%%%%%%%% Running Script:: DataCleaningFunctions %%%%%%%%%%
22
23
24
25 [18/04/2022 09:19:49]
26 %%%%%%%%%% Running Script:: PredictionModelFunctions %%%%%%%%%%
27
28
29
30 [18/04/2022 09:19:49]
31 %%%%%%%%%% Running Script:: TrainAndSave_NN_EmbeddingWithRelu %%%%%%%%%%
32
33 Import tablename is set to :: preprocesseddata
34
35 Executing query:: SELECT * FROM preprocesseddata;
36 Saving results to dataframe.
37
38 Removing following columns:: ['vehicleid', 'vin', 'solddate', 'makeid', 'modelid', 'trimid', 'substitutetrimid', '
trimmappedcombinedid', 'doors', 'odometerkm', 'odometerkmlg', 'autograde', 'drivetrain', 'accidentclaims', '
additionaldisclosure', 'totaldisclosure', 'repaircost', 'yellowlight', 'greenlight', 'salvage', 'rebuilt', 'branded', 'hail
', 'rusted', 'truemileageunknown', 'odometerinoperable', 'inoperable', 'structural', 'cooledseats', 'memoryseats', '
rearcamera', 'bluetooth', 'usb', 'navigation', 'powerseat', 'dualpowerseats', 'powerliftgate', 'roof', 'panorooft', '
parkingsensors', 'bsm', 'foglights', 'speedrating', 'tirewidth', 'tirediameter', 'accidentclaimsbins', '
additionaldisclosurebins', 'sellerid', 'sellername', 'sellerclass', 'sellertype', 'sellerorgid', 'announcements', '
mappeddoors', 'enginesizeroundoff', 'treaddepthroundoff', 'tiresizeroundoff']
39
40
41 Keeping following columns:: ['soldday', 'soldmonth', 'soldyear', 'year', 'makemappedid', 'modelmappedid', 'trimmappedid', '
province', 'location', 'bodytype', 'cabtype', 'cylinder', 'fueltype', 'enginesize', 'transmission', 'mappeddrivetrain', '
engineproblems', 'redlight', 'asis', 'over750', 'repairindicator', 'heatedseats', 'sunroof', 'navigrationsystem', 'leather', '
backupcamera', 'tiresize', 'treaddepth', 'autogradebins', 'odometerkmbins', 'totaldisclosurebins', 'repaircostbins', '
soldpricecad']
42 Categorical Columns::
43 <class 'pandas.core.frame.DataFrame'>
44 RangeIndex: 469881 entries, 0 to 469880
45 Data columns (total 32 columns):
46 # Column Non-Null Count Dtype
47 ---
48 0 soldday 469881 non-null object
49 1 soldmonth 469881 non-null object
50 2 soldyear 469881 non-null object
51 3 year 469881 non-null object
52 4 makemappedid 469881 non-null object
53 5 modelmappedid 469881 non-null object
54 6 trimmappedid 469881 non-null object
55 7 province 469881 non-null object
56 8 location 469881 non-null object
57 9 bodytype 469881 non-null object
58 10 cabtype 469881 non-null object
59 11 cylinder 469881 non-null object
60 12 fueltype 469881 non-null object
61 13 enginesize 469881 non-null object
62 14 transmission 469881 non-null object
63 15 mappeddrivetrain 469881 non-null object
64 16 engineproblems 469881 non-null object
65 17 redlight 469881 non-null object
66 18 asis 469881 non-null object
67 19 over750 469881 non-null object
68 20 repairindicator 469881 non-null object
69 21 heatedseats 469881 non-null object
70 22 sunroof 469881 non-null object

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File - TrainAndSave_NN_EmbeddingWithRelu

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71 23 navigationsystem 469881 non-null object
72 24 leather 469881 non-null object
73 25 backupcamera 469881 non-null object
74 26 tiresize 469881 non-null object
75 27 treaddepth 469881 non-null object
76 28 autogradebins 469881 non-null object
77 29 odometerkmbins 469881 non-null object
78 30 totaldisclosurebins 469881 non-null object
79 31 repaircostbins 469881 non-null object
80 dtypes: object(32)
81 memory usage: 114.7+ MB
82 Continuous Columns::
83 <class 'pandas.core.frame.DataFrame'>
84 RangeIndex: 469881 entries, 0 to 469880
85 Data columns (total 1 columns):
86 # Column Non-Null Count Dtype
87 ---
88 0 soldpricecad 469881 non-null int64
89 dtypes: int64(1)
90 memory usage: 3.6 MB
91 Total Number of Predictors:: 32
92 Categorica Variable: soldday Unique Categories: 31 Embedding Size: 16
93 Categorica Variable: soldmonth Unique Categories: 12 Embedding Size: 6
94 Categorica Variable: soldyear Unique Categories: 4 Embedding Size: 2
95 Categorica Variable: year Unique Categories: 23 Embedding Size: 12
96 Categorica Variable: makemappedid Unique Categories: 38 Embedding Size: 19
97 Categorica Variable: modelmappedid Unique Categories: 475 Embedding Size: 50
98 Categorica Variable: trimmappedid Unique Categories: 4164 Embedding Size: 50
99 Categorica Variable: province Unique Categories: 10 Embedding Size: 5
100 Categorica Variable: location Unique Categories: 15 Embedding Size: 8
101 Categorica Variable: bodytype Unique Categories: 11 Embedding Size: 6
102 Categorica Variable: cabtype Unique Categories: 4 Embedding Size: 2
103 Categorica Variable: cylinder Unique Categories: 11 Embedding Size: 6
104 Categorica Variable: fueltype Unique Categories: 3 Embedding Size: 2
105 Categorica Variable: enginesize Unique Categories: 64 Embedding Size: 32
106 Categorica Variable: transmission Unique Categories: 2 Embedding Size: 1
107 Categorica Variable: mappeddrivetrain Unique Categories: 2 Embedding Size: 1
108 Categorica Variable: engineproblems Unique Categories: 2 Embedding Size: 1
109 Categorica Variable: redlight Unique Categories: 2 Embedding Size: 1
110 Categorica Variable: asis Unique Categories: 2 Embedding Size: 1
111 Categorica Variable: over750 Unique Categories: 2 Embedding Size: 1
112 Categorica Variable: repairindicator Unique Categories: 2 Embedding Size: 1
113 Categorica Variable: heatedseats Unique Categories: 2 Embedding Size: 1
114 Categorica Variable: sunroof Unique Categories: 2 Embedding Size: 1
115 Categorica Variable: navigationsystem Unique Categories: 2 Embedding Size: 1
116 Categorica Variable: leather Unique Categories: 2 Embedding Size: 1
117 Categorica Variable: backupcamera Unique Categories: 2 Embedding Size: 1
118 Categorica Variable: tiresize Unique Categories: 25 Embedding Size: 13
119 Categorica Variable: treaddepth Unique Categories: 160 Embedding Size: 50
120 Categorica Variable: autogradebins Unique Categories: 6 Embedding Size: 3
121 Categorica Variable: odometerkmbins Unique Categories: 42 Embedding Size: 21
122 Categorica Variable: totaldisclosurebins Unique Categories: 16 Embedding Size: 8
123 Categorica Variable: repaircostbins Unique Categories: 6 Embedding Size: 3
124 Input_soldday
125 Input_soldmonth
126 Input_soldyear
127 Input_year
128 Input_makemappedid
129 Input_modelmappedid
130 Input_trimmappedid
131 Input_province
132 Input_location
133 Input_bodytype
134 Input_cabtype
135 Input_cylinder
136 Input_fueltype
137 Input_enginesize
138 Input_transmission
139 Input_mappeddrivetrain
140 Input_engineproblems
141 Input_redlight
142 Input_asis
143 Input_over750
144 Input_repairindicator
145 Input_heatedseats
146 Input_sunroof
147 Input_navigationsystem
148 Input_leather
149 Input_backupcamera
150 Input_tiresize
151 Input_treaddepth
152 Input_autogradebins
153 Input_odometerkmbins

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154 Input_totaldisclosurebins
155 Input_repaircostbins
156 2022-04-18 09:20:25.538809: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library nvcuda.dll
157 2022-04-18 09:20:26.656385: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1716] Found device 0 with properties:
158 pciBusID: 0000:01:00.0 name: NVIDIA GeForce RTX 2060 computeCapability: 7.5
159 coreClock: 1.35GHz coreCount: 30 deviceMemorySize: 6.00GiB deviceMemoryBandwidth: 241.856GiB/s
160 2022-04-18 09:20:26.656554: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cudart64_101.dll
161 2022-04-18 09:20:27.195872: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cublas64_10.dll
162 2022-04-18 09:20:27.516571: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cufft64_10.dll
163 2022-04-18 09:20:27.544416: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library curand64_10.dll
164 2022-04-18 09:20:27.789974: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cusolver64_10.dll
165 2022-04-18 09:20:27.993654: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cusparse64_10.dll
166 2022-04-18 09:20:28.231198: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cudnn64_7.dll
167 2022-04-18 09:20:28.231554: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1858] Adding visible gpu devices: 0
168 2022-04-18 09:20:28.233823: I tensorflow/core/platform/cpu_feature_guard.cc:142] This TensorFlow binary is optimized with
  oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX2
169 To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
170 2022-04-18 09:20:28.268374: I tensorflow/compiler/xla/service/service.cc:168] XLA service 0x1dca7291800 initialized for
  platform Host (this does not guarantee that XLA will be used). Devices:
171 2022-04-18 09:20:28.268477: I tensorflow/compiler/xla/service/service.cc:176] StreamExecutor device (0): Host, Default
  Version
172 2022-04-18 09:20:28.269575: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1716] Found device 0 with properties:
173 pciBusID: 0000:01:00.0 name: NVIDIA GeForce RTX 2060 computeCapability: 7.5
174 coreClock: 1.35GHz coreCount: 30 deviceMemorySize: 6.00GiB deviceMemoryBandwidth: 241.856GiB/s
175 2022-04-18 09:20:28.269850: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cudart64_101.dll
176 2022-04-18 09:20:28.269962: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cublas64_10.dll
177 2022-04-18 09:20:28.270050: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cufft64_10.dll
178 2022-04-18 09:20:28.270125: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library curand64_10.dll
179 2022-04-18 09:20:28.270200: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cusolver64_10.dll
180 2022-04-18 09:20:28.270276: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cusparse64_10.dll
181 2022-04-18 09:20:28.270352: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cudnn64_7.dll
182 2022-04-18 09:20:28.270436: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1858] Adding visible gpu devices: 0
183 2022-04-18 09:20:29.141220: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1257] Device interconnect StreamExecutor with
  strength 1 edge matrix:
184 2022-04-18 09:20:29.141303: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1263] 0
185 2022-04-18 09:20:29.141351: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1276] 0: N
186 2022-04-18 09:20:29.142014: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1402] Created TensorFlow device (/job:
  localhost/replica:0/task:0/device:GPU:0 with 4722 MB memory) -> physical GPU (device: 0, name: NVIDIA GeForce RTX 2060, pci
  bus id: 0000:01:00.0, compute capability: 7.5)
187 2022-04-18 09:20:29.146055: I tensorflow/compiler/xla/service/service.cc:168] XLA service 0x1dd43cf3920 initialized for
  platform CUDA (this does not guarantee that XLA will be used). Devices:
188 2022-04-18 09:20:29.146153: I tensorflow/compiler/xla/service/service.cc:176] StreamExecutor device (0): NVIDIA GeForce
  RTX 2060, Compute Capability 7.5
189 Model: "functional_1"
190 -----
191 Layer (type) Output Shape Param # Connected to
192 -----
193 input_1 (InputLayer) [(None, 1)] 0
194 -----
195 input_2 (InputLayer) [(None, 1)] 0
196 -----
197 input_3 (InputLayer) [(None, 1)] 0
198 -----
199 input_4 (InputLayer) [(None, 1)] 0
200 -----
201 input_5 (InputLayer) [(None, 1)] 0
202 -----
203 input_6 (InputLayer) [(None, 1)] 0
204 -----
205 input_7 (InputLayer) [(None, 1)] 0
206 -----
207 input_8 (InputLayer) [(None, 1)] 0
208 -----
209 input_9 (InputLayer) [(None, 1)] 0
210 -----
211 input_10 (InputLayer) [(None, 1)] 0
212 -----
213 input_11 (InputLayer) [(None, 1)] 0

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File - TrainAndSave_NN_EmbeddingWithRelu

214				
215	input_12 (InputLayer)	[(None, 1)]	0	
216				
217	input_13 (InputLayer)	[(None, 1)]	0	
218				
219	input_14 (InputLayer)	[(None, 1)]	0	
220				
221	input_15 (InputLayer)	[(None, 1)]	0	
222				
223	input_16 (InputLayer)	[(None, 1)]	0	
224				
225	input_17 (InputLayer)	[(None, 1)]	0	
226				
227	input_18 (InputLayer)	[(None, 1)]	0	
228				
229	input_19 (InputLayer)	[(None, 1)]	0	
230				
231	input_20 (InputLayer)	[(None, 1)]	0	
232				
233	input_21 (InputLayer)	[(None, 1)]	0	
234				
235	input_22 (InputLayer)	[(None, 1)]	0	
236				
237	input_23 (InputLayer)	[(None, 1)]	0	
238				
239	input_24 (InputLayer)	[(None, 1)]	0	
240				
241	input_25 (InputLayer)	[(None, 1)]	0	
242				
243	input_26 (InputLayer)	[(None, 1)]	0	
244				
245	input_27 (InputLayer)	[(None, 1)]	0	
246				
247	input_28 (InputLayer)	[(None, 1)]	0	
248				
249	input_29 (InputLayer)	[(None, 1)]	0	
250				
251	input_30 (InputLayer)	[(None, 1)]	0	
252				
253	input_31 (InputLayer)	[(None, 1)]	0	
254				
255	input_32 (InputLayer)	[(None, 1)]	0	
256				
257	soldday_Embedding (Embedding)	(None, 1, 16)	496	input_1[0][0]
258				
259	soldmonth_Embedding (Embedding)	(None, 1, 6)	72	input_2[0][0]
260				
261	solddyear_Embedding (Embedding)	(None, 1, 2)	8	input_3[0][0]
262				
263	year_Embedding (Embedding)	(None, 1, 12)	276	input_4[0][0]
264				
265	makemappedid_Embedding (Embedding)	(None, 1, 19)	722	input_5[0][0]
266				
267	modelmappedid_Embedding (Embedding)	(None, 1, 50)	23750	input_6[0][0]
268				
269	trimmappedid_Embedding (Embedding)	(None, 1, 50)	208200	input_7[0][0]
270				
271	province_Embedding (Embedding)	(None, 1, 5)	50	input_8[0][0]
272				
273	location_Embedding (Embedding)	(None, 1, 8)	120	input_9[0][0]
274				
275	bodytype_Embedding (Embedding)	(None, 1, 6)	66	input_10[0][0]
276				
277	cabtype_Embedding (Embedding)	(None, 1, 2)	8	input_11[0][0]
278				
279	cylinder_Embedding (Embedding)	(None, 1, 6)	66	input_12[0][0]
280				
281	fueltype_Embedding (Embedding)	(None, 1, 2)	6	input_13[0][0]
282				
283	enginesize_Embedding (Embedding)	(None, 1, 32)	2048	input_14[0][0]
284				
285	transmission_Embedding (Embedding)	(None, 1, 1)	2	input_15[0][0]
286				
287	mappeddrivetrain_Embedding (Embedding)	(None, 1, 1)	2	input_16[0][0]
288				
289	engineproblems_Embedding (Embedding)	(None, 1, 1)	2	input_17[0][0]
290				
291	redlight_Embedding (Embedding)	(None, 1, 1)	2	input_18[0][0]
292				
293	asis_Embedding (Embedding)	(None, 1, 1)	2	input_19[0][0]
294				
295	over750_Embedding (Embedding)	(None, 1, 1)	2	input_20[0][0]
296				

File - TrainAndSave_NN_EmbeddingWithRelu

297	repairindicator_Embedding (Embe	(None, 1, 1)	2	input_21[0][0]
298	heatedseats_Embedding (Embeddin	(None, 1, 1)	2	input_22[0][0]
300	sunroof_Embedding (Embedding)	(None, 1, 1)	2	input_23[0][0]
302	navigationsystem_Embedding (Emb	(None, 1, 1)	2	input_24[0][0]
304	leather_Embedding (Embedding)	(None, 1, 1)	2	input_25[0][0]
305	backupcamera_Embedding (Embeddi	(None, 1, 1)	2	input_26[0][0]
308	tiresize_Embedding (Embedding)	(None, 1, 13)	325	input_27[0][0]
310	treaddepth_Embedding (Embedding	(None, 1, 50)	8000	input_28[0][0]
312	autogradebins_Embedding (Embedd	(None, 1, 3)	18	input_29[0][0]
314	odometerkmbins_Embedding (Embed	(None, 1, 21)	882	input_30[0][0]
316	totaldisclosurebins_Embedding ((None, 1, 8)	128	input_31[0][0]
318	repaircostbins_Embedding (Embed	(None, 1, 3)	18	input_32[0][0]
320	reshape (Reshape)	(None, 16)	0	soldday_Embedding[0][0]
322	reshape_1 (Reshape)	(None, 6)	0	soldmonth_Embedding[0][0]
324	reshape_2 (Reshape)	(None, 2)	0	soldday_Embedding[0][0]
326	reshape_3 (Reshape)	(None, 12)	0	year_Embedding[0][0]
328	reshape_4 (Reshape)	(None, 19)	0	makemappedid_Embedding[0][0]
329	reshape_5 (Reshape)	(None, 50)	0	modelmappedid_Embedding[0][0]
330	reshape_6 (Reshape)	(None, 50)	0	trimmappedid_Embedding[0][0]
331	reshape_7 (Reshape)	(None, 5)	0	province_Embedding[0][0]
332	reshape_8 (Reshape)	(None, 8)	0	location_Embedding[0][0]
333	reshape_9 (Reshape)	(None, 6)	0	bodytype_Embedding[0][0]
334	reshape_10 (Reshape)	(None, 2)	0	cabtype_Embedding[0][0]
335	reshape_11 (Reshape)	(None, 6)	0	cylinder_Embedding[0][0]
336	reshape_12 (Reshape)	(None, 2)	0	fueltype_Embedding[0][0]
337	reshape_13 (Reshape)	(None, 32)	0	enginesize_Embedding[0][0]
338	reshape_14 (Reshape)	(None, 1)	0	transmission_Embedding[0][0]
339	reshape_15 (Reshape)	(None, 1)	0	mappeddrivetrain_Embedding[0][0]
340	reshape_16 (Reshape)	(None, 1)	0	engineproblems_Embedding[0][0]
341	reshape_17 (Reshape)	(None, 1)	0	redlight_Embedding[0][0]
342	reshape_18 (Reshape)	(None, 1)	0	asis_Embedding[0][0]
343	reshape_19 (Reshape)	(None, 1)	0	over750_Embedding[0][0]
344	reshape_20 (Reshape)	(None, 1)	0	repairindicator_Embedding[0][0]
345	reshape_21 (Reshape)	(None, 1)	0	heatedseats_Embedding[0][0]
346	reshape_22 (Reshape)	(None, 1)	0	sunroof_Embedding[0][0]
347	reshape_23 (Reshape)	(None, 1)	0	navigationsystem_Embedding[0][0]
348	reshape_24 (Reshape)	(None, 1)	0	leather_Embedding[0][0]
349	reshape_25 (Reshape)	(None, 1)	0	backupcamera_Embedding[0][0]
350	reshape_26 (Reshape)	(None, 13)	0	tiresize_Embedding[0][0]
351	reshape_27 (Reshape)	(None, 50)	0	treaddepth_Embedding[0][0]
352	reshape_28 (Reshape)	(None, 3)	0	autogradebins_Embedding[0][0]
353	reshape_29 (Reshape)	(None, 21)	0	odometerkmbins_Embedding[0][0]

File - TrainAndSave_NN_EmbeddingWithRelu

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380 -----
381 reshape_30 (Reshape)          (None, 8)          0          totaldisclosurebins_Embedding[0][
382 -----
383 reshape_31 (Reshape)          (None, 3)          0          repaircostbins_Embedding[0][0]
384 -----
385 concatenate (Concatenate)      (None, 326)        0          reshape[0][0]
386                                     reshape_1[0][0]
387                                     reshape_2[0][0]
388                                     reshape_3[0][0]
389                                     reshape_4[0][0]
390                                     reshape_5[0][0]
391                                     reshape_6[0][0]
392                                     reshape_7[0][0]
393                                     reshape_8[0][0]
394                                     reshape_9[0][0]
395                                     reshape_10[0][0]
396                                     reshape_11[0][0]
397                                     reshape_12[0][0]
398                                     reshape_13[0][0]
399                                     reshape_14[0][0]
400                                     reshape_15[0][0]
401                                     reshape_16[0][0]
402                                     reshape_17[0][0]
403                                     reshape_18[0][0]
404                                     reshape_19[0][0]
405                                     reshape_20[0][0]
406                                     reshape_21[0][0]
407                                     reshape_22[0][0]
408                                     reshape_23[0][0]
409                                     reshape_24[0][0]
410                                     reshape_25[0][0]
411                                     reshape_26[0][0]
412                                     reshape_27[0][0]
413                                     reshape_28[0][0]
414                                     reshape_29[0][0]
415                                     reshape_30[0][0]
416                                     reshape_31[0][0]
417 -----
418 dense (Dense)                  (None, 1000)       327000     concatenate[0][0]
419 -----
420 dense_1 (Dense)                (None, 1000)       1001000    dense[0][0]
421 -----
422 dense_2 (Dense)                (None, 1000)       1001000    dense_1[0][0]
423 -----
424 dense_3 (Dense)                (None, 1)          1001       dense_2[0][0]
425 =====
426 Total params: 2,575,284
427 Trainable params: 2,575,284
428 Non-trainable params: 0
429 -----
430 Model Feature Subset Columns List Saved to disk
431 Model Categorical Value Columns List Saved to disk
432 Model Categorical Value Mapping Metadata Saved to disk
433 Epoch 1/5000
434 2022-04-18 09:20:57.453444: I tensorflow/stream_executor/platform/default/dso_loader.cc:48] Successfully opened dynamic
  library cublas64_10.dll
435 696/698 [=====>.] - ETA: 0s - loss: 3653.5542 - mean_absolute_error: 3653.5542
436 Epoch 00001: val_loss improved from inf to 2018.79773, saving model to lastbestweights.hdf5
437 698/698 [=====] - 9s 14ms/step - loss: 3649.8906 - mean_absolute_error: 3649.8906 - val_loss: 2018.
  7977 - val_mean_absolute_error: 2018.7977
438 Epoch 2/5000
439 662/698 [=====>..] - ETA: 0s - loss: 1822.4309 - mean_absolute_error: 1822.4309forrtl: error (200):
  program aborting due to control-C event
440 Image      PC          Routine          Line      Source
441 libifcoremd.dll 00007FF8740E3B58 Unknown          Unknown    Unknown
442 KERNELBASE.dll 00007FF8E6C91A25 Unknown          Unknown    Unknown
443 KERNEL32.DLL 00007FF8E84C54E0 Unknown          Unknown    Unknown
444 ntdll.dll 00007FF8E960485B Unknown          Unknown    Unknown
445
446 Process finished with exit code 0
447

```