```
*-------------------------------------------------------------*
User:                 u59400043
Date:                 April 01, 2022
Time:                 14:55:26
*-------------------------------------------------------------*
* Training Output
*-------------------------------------------------------------*



Variable Summary

           Measurement    Frequency
Role          Level         Count

ID          INTERVAL           1
INPUT       INTERVAL          13
TARGET      INTERVAL           1



Predicted and decision variables

Type          Variable         Label

TARGET         medv
PREDICTED      P_medv     Predicted: medv
RESIDUAL       R_medv     Residual: medv


*-------------------------------------------------------------
```

```
   -*
34 * Score Output
35 *------------------------------------------------------------
   -*
36
37
38 *------------------------------------------------------------
   -*
39 * Report Output
40 *------------------------------------------------------------
   -*
41
42
43
44
45 Fit Statistics
46
47 Target=medv Target Label=' '
48
49    Fit
50 Statistics    Statistics Label                       Train    V
   alidation       Test
51
52  _NW_          Number of Estimated Weights           13.00
        .             .
53  _NOBS_        Sum of Frequencies                   202.00
     202.00       102.00
54  _SUMW_        Sum of Case Weights Times Freq       202.00
     202.00       102.00
55  _DFT_         Total Degrees of Freedom             202.00
        .             .
56  _DFM_         Model Degrees of Freedom              13.00
        .             .
57  _DFE_         Degrees of Freedom for Error         189.00
        .             .
58  _ASE_         Average Squared Error                 25.05
```

```
      62.45       75.47
59   _RASE_       Root Average Squared Error           5.01
       7.90        8.69
60   _DIV_        Divisor for ASE                    202.00
     202.00      102.00
61   _SSE_        Sum of Squared Errors             5061.11
   12615.57     7697.64
62   _MSE_        Mean Squared Error                   26.78
      62.45       75.47
63   _RMSE_       Root Mean Squared Error              5.17
       7.90        8.69
64   _AVERR_      Average Error Function              25.05
      62.45       75.47
65   _ERR_        Error Function                    5061.11
   12615.57     7697.64
66   _MAX_        Maximum Absolute Error              27.67
      31.07       29.06
67   _FPE_        Final Prediction Error              28.50
         .           .
68   _RFPE_       Root Final Prediction Error          5.34
         .           .
69   _AIC_        Akaike's Information Criterion     676.66
         .           .
70   _SBC_        Schwarz's Bayesian Criterion       719.66
         .           .
71
72
73
74
75 Assessment Score Rankings
76
77 Data Role=TRAIN Target Variable=medv Target Label=' '
78
79             Number of       Mean        Mean
80 Depth     Observations     Target    Predicted
81
```

82	5	12	37.4417	34.3929
83	10	9	28.3222	29.0508
84	15	11	30.5455	27.7831
85	20	9	26.4000	26.5667
86	25	10	22.8400	25.5229
87	30	10	26.3400	24.2957
88	35	11	23.0818	23.5091
89	40	9	25.0889	23.2175
90	45	10	21.7700	22.7614
91	50	10	24.4700	22.1414
92	55	11	21.9273	21.5610
93	60	10	20.0700	21.0729
94	65	11	18.6545	20.3195
95	70	9	18.5667	19.3492
96	75	10	17.3900	18.6500
97	80	10	17.1600	18.0371
98	85	12	15.3917	16.1190
99	90	8	14.6125	14.2518
100	95	12	13.0417	13.2250
101	100	8	10.0500	11.2714

Data Role=VALIDATE Target Variable=medv Target Label=' '

Depth	Number of Observations	Mean Target	Mean Predicted
5	11	31.1636	37.8532
10	10	30.7600	31.3771
15	11	25.0455	28.3494
20	9	27.7556	27.0317
25	10	31.2200	25.9886
30	11	25.9636	25.5143
35	9	24.8111	24.8333
40	11	21.5818	23.9195
45	9	25.5778	23.3238

118	50	10	22.4700	22.7829
119	55	11	27.8364	22.2338
120	60	12	22.2000	21.6821
121	65	8	23.1750	20.9500
122	70	10	23.3800	20.3000
123	75	11	21.9909	18.9481
124	80	10	18.4500	18.1914
125	85	10	17.0900	17.4243
126	90	9	16.4222	15.6540
127	95	10	12.0000	13.4500
128	100	10	10.1800	10.9357
129				
130				
131				
132				

133 Assessment Score Distribution

134

135 Data Role=TRAIN Target Variable=medv Target Label=' '

136

137	Range for Predicted	Mean Target	Mean Predicted	Number of Observations	Model Score
140	38.581 - 40.086	43.7667	39.8095	3	39.3336
141	35.573 - 37.077	40.4000	35.8429	2	36.3250
142	32.564 - 34.069	38.2000	33.0190	3	33.3164
143	29.556 - 31.060	29.3400	30.4714	5	30.3079
144	28.051 - 29.556	29.3500	28.7679	12	28.8036
145	26.547 - 28.051	27.9000	27.2000	12	27.2993

```
146  25.043 -  26.547    25.1750     25.8381          12
     25.7950
147  23.539 -  25.043    25.0125     24.2277          16
     24.2907
148  22.034 -  23.539    23.7516     22.9710          31
     22.7864
149  20.530 -  22.034    21.0893     21.3923          28
     21.2821
150  19.026 -  20.530    18.3250     19.8991          16
     19.7779
151  17.521 -  19.026    17.8083     18.3310          24
     18.2736
152  16.017 -  17.521    14.0250     16.9714           4
     16.7693
153  14.513 -  16.017    14.9833     15.0619           6
     15.2650
154  13.009 -  14.513    13.6700     13.6357          20
     13.7607
155  11.504 -  13.009    10.9250     12.0429           4
     12.2564
156  10.000 -  11.504     9.1750     10.5000           4
     10.7521
157
158
159  Data Role=VALIDATE Target Variable=medv Target Label=' '
160
161    Range for          Mean        Mean        Number of
      Model
162    Predicted         Target    Predicted    Observations
      Score
163
164  40.345 -  41.943    30.1000     41.9429           1
     41.1439
165  38.747 -  40.345    32.0800     39.8371           5
     39.5461
166  37.149 -  38.747    31.6000     38.4571           1
```

	37.9482				
167	35.551 - 36.3504	37.149	34.9000	35.8429	1
168	33.954 - 34.7525	35.551	29.1000	34.6714	1
169	32.356 - 33.1546	33.954	35.4750	32.9429	4
170	30.758 - 31.5568	32.356	28.3250	31.3821	4
171	29.160 - 29.9589	30.758	27.2750	30.6893	4
172	27.562 - 28.3611	29.160	26.5833	28.2845	12
173	25.964 - 26.7632	27.562	29.8786	26.5888	14
174	24.366 - 25.1654	25.964	25.1231	25.2467	26
175	22.769 - 23.5675	24.366	24.2522	23.4466	23
176	21.171 - 21.9696	22.769	23.6786	22.0515	28
177	19.573 - 20.3718	21.171	23.2889	20.5889	18
178	17.975 - 18.7739	19.573	20.2955	18.5610	22
179	16.377 - 17.1761	17.975	16.5846	17.1890	13
180	14.779 - 15.5782	16.377	13.8000	15.0905	3
181	13.181 - 13.9804	14.779	13.3800	13.7257	10
182	11.584 - 12.3825	13.181	11.3000	12.6607	4
183	9.986 - 10.7846	11.584	10.5500	10.5446	8