```
*------------------------------------------------------------*
User:                  u59397328
Date:                  April 03, 2022
Time:                  01:51:46
*------------------------------------------------------------*
* 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                   15.48
```

```
      64.16       76.26
59   _RASE_       Root Average Squared Error           3.93
       8.01        8.73
60   _DIV_        Divisor for ASE                    202.00
     202.00      102.00
61   _SSE_        Sum of Squared Errors             3126.84
   12960.16     7778.25
62   _MSE_        Mean Squared Error                  16.54
      64.16       76.26
63   _RMSE_       Root Mean Squared Error              4.07
       8.01        8.73
64   _AVERR_      Average Error Function              15.48
      64.16       76.26
65   _ERR_        Error Function                    3126.84
   12960.16     7778.25
66   _MAX_        Maximum Absolute Error              19.07
      29.97       28.47
67   _FPE_        Final Prediction Error              17.61
         .           .
68   _RFPE_       Root Final Prediction Error          4.20
         .           .
69   _AIC_        Akaike's Information Criterion     579.38
         .           .
70   _SBC_        Schwarz's Bayesian Criterion       622.39
         .           .
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	13	36.9077	36.0949
83	10	9	33.7000	31.3704
84	15	11	32.9909	29.0697
85	20	8	23.4125	26.9083
86	25	10	25.6500	25.7400
87	30	10	22.0300	24.9467
88	35	10	24.8900	23.9933
89	40	10	23.2800	23.3567
90	45	10	23.0700	22.4033
91	50	11	21.9091	21.9788
92	55	10	20.3500	21.0200
93	60	10	20.2500	20.5900
94	65	10	20.3000	19.8467
95	70	10	19.3600	19.0300
96	75	11	17.0455	17.7485
97	80	9	17.1111	15.9704
98	85	10	14.3300	14.7633
99	90	10	14.1500	14.1467
100	95	10	13.0200	12.4867
101	100	10	8.7300	10.3467

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

Depth	Number of Observations	Mean Target	Mean Predicted
5	11	34.1727	40.5394
10	10	25.3600	33.0567
15	10	26.2300	30.1433
20	10	37.6300	28.4067
25	13	19.4385	27.2846
30	8	30.4625	25.9000
35	10	25.8600	25.6700
40	9	28.2889	24.2556
45	10	25.1600	23.3000

118	50	10	22.7100	22.4333
119	55	11	22.2000	22.2121
120	60	10	23.5100	21.3900
121	65	11	20.8364	20.6273
122	70	10	25.3800	19.7700
123	75	10	19.0000	18.4500
124	80	11	19.3818	17.9364
125	85	8	16.8125	16.7417
126	90	11	15.2091	14.5939
127	95	9	11.9889	12.9815
128	100	10	11.6200	9.2433
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	42.047 - 43.767	47.0000	43.7667	2	42.9067
141	38.607 - 40.327	39.3667	39.3667	3	39.4667
142	33.447 - 35.167	39.2000	34.2667	2	34.3067
143	31.727 - 33.447	31.3900	32.2700	10	32.5867
144	30.007 - 31.727	35.0875	30.6292	8	30.8667
145	28.287 - 30.007	35.2800	28.9867	5	29.1467

```
146  26.567 -  28.287    25.1889     27.5222           9
     27.4267
147  24.847 -  26.567    23.9684     25.5193          19
     25.7067
148  23.127 -  24.847    23.8348     23.8072          23
     23.9867
149  21.407 -  23.127    22.0955     22.1591          22
     22.2667
150  19.687 -  21.407    20.5333     20.6264          24
     20.5467
151  17.967 -  19.687    19.3263     18.9667          19
     18.8267
152  16.247 -  17.967    16.8800     17.3200          10
     17.1067
153  14.527 -  16.247    15.5571     15.1714          14
     15.3867
154  12.807 -  14.527    13.6500     13.9063          16
     13.6667
155  11.087 -  12.807    11.6889     11.8926           9
     11.9467
156  9.367 -  11.087      8.8286      9.8619           7
     10.2267
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  41.960 -  43.767    33.1400     43.7667           5
     42.8633
165  38.347 -  40.153    30.4333     39.3667           3
     39.2500
166  36.540 -  38.347    29.1000     37.7333           1
```

	37.4433				
167	34.733 - 35.6367	36.540	40.6667	35.4778	3
168	32.927 - 33.8300	34.733	23.9000	34.3556	3
169	31.120 - 32.0233	32.927	24.9500	32.0556	6
170	29.313 - 30.2167	31.120	25.1444	30.2519	9
171	27.507 - 28.4100	29.313	30.1412	28.2431	17
172	25.700 - 26.6033	27.507	26.4200	26.3333	15
173	23.893 - 24.7967	25.700	27.0105	25.0000	19
174	22.087 - 22.9900	23.893	23.3194	22.6344	31
175	20.280 - 21.1833	22.087	22.1545	20.9636	22
176	18.473 - 19.3767	20.280	24.9000	19.5611	12
177	16.667 - 17.5700	18.473	18.7409	17.9182	22
178	14.860 - 15.7633	16.667	14.0000	15.8000	5
179	13.053 - 13.9567	14.860	15.1733	14.1711	15
180	11.247 - 12.1500	13.053	9.5400	12.2800	5
181	9.440 - 10.3433	11.247	12.3500	10.2583	4
182	7.633 - 8.5367	9.440	10.8000	7.9800	5