```
 1  *----------------------------------------------------------
    -*
 2  User:                  u59400043
 3  Date:                  April 01, 2022
 4  Time:                  14:45:20
 5  *----------------------------------------------------------
    -*
 6  * Training Output
 7  *----------------------------------------------------------
    -*
 8
 9
10
11
12  Variable Summary
13
14              Measurement      Frequency
15  Role           Level           Count
16
17  ID          INTERVAL              1
18  INPUT       INTERVAL             13
19  TARGET      INTERVAL              1
20
21
22
23
24  Predicted and decision variables
25
26  Type          Variable          Label
27
28  TARGET          medv
29  PREDICTED      P_medv      Predicted: medv
30  RESIDUAL       R_medv      Residual: medv
31
32
33  *----------------------------------------------------------
```

```
   _*
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

#	Statistic	Description			
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
102				
103				

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

105

		Number of	Mean	Mean
106		Number of	Mean	Mean
107	Depth	Observations	Target	Predicted
108				
109	5	11	34.1727	40.5394
110	10	10	25.3600	33.0567
111	15	10	26.2300	30.1433
112	20	10	37.6300	28.4067
113	25	13	19.4385	27.2846
114	30	8	30.4625	25.9000
115	35	10	25.8600	25.6700
116	40	9	28.2889	24.2556
117	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 Model Predicted Score	Mean Target	Mean Predicted	Number of Observations
140	42.047 - 43.767 42.9067	47.0000	43.7667	2
141	38.607 - 40.327 39.4667	39.3667	39.3667	3
142	33.447 - 35.167 34.3067	39.2000	34.2667	2
143	31.727 - 33.447 32.5867	31.3900	32.2700	10
144	30.007 - 31.727 30.8667	35.0875	30.6292	8
145	28.287 - 30.007 29.1467	35.2800	28.9867	5

146	26.567 - 27.4267	25.1889	27.5222	9
147	24.847 - 25.7067	23.9684	25.5193	19
148	23.127 - 23.9867	23.8348	23.8072	23
149	21.407 - 22.2667	22.0955	22.1591	22
150	19.687 - 20.5467	20.5333	20.6264	24
151	17.967 - 18.8267	19.3263	18.9667	19
152	16.247 - 17.1067	16.8800	17.3200	10
153	14.527 - 15.3867	15.5571	15.1714	14
154	12.807 - 13.6667	13.6500	13.9063	16
155	11.087 - 11.9467	11.6889	11.8926	9
156	9.367 - 10.2267	8.8286	9.8619	7
157				
158				

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

160

161	Range for Model	Mean	Mean	Number of
162	Predicted Score	Target	Predicted	Observations
163				
164	41.960 - 42.8633	33.1400	43.7667	5
165	38.347 - 39.2500	30.4333	39.3667	3
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