

For `max_depth = None`, all the leaf nodes have $MSE = 0$

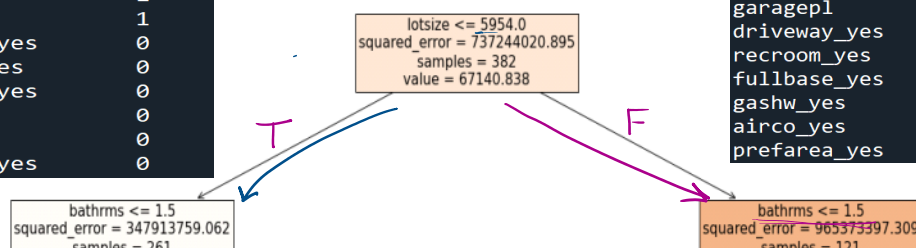
```

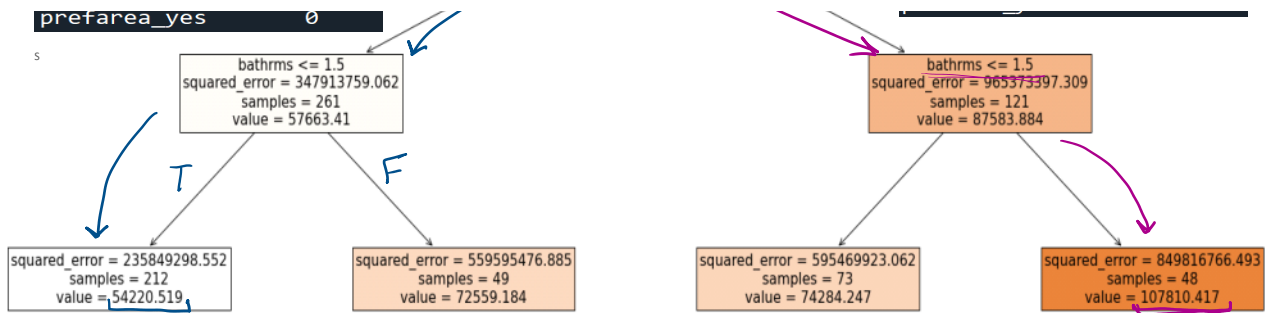
In [21]: X_test.loc[210]
Out[21]:
lotsize      2640
bedrooms      2
bathrms       1
stories       1
garagepl      1
driveway_yes  0
recroom_yes   0
fullbase_yes  0
gashw_yes     0
airco_yes     0
prefarea_yes  0
  
```

```

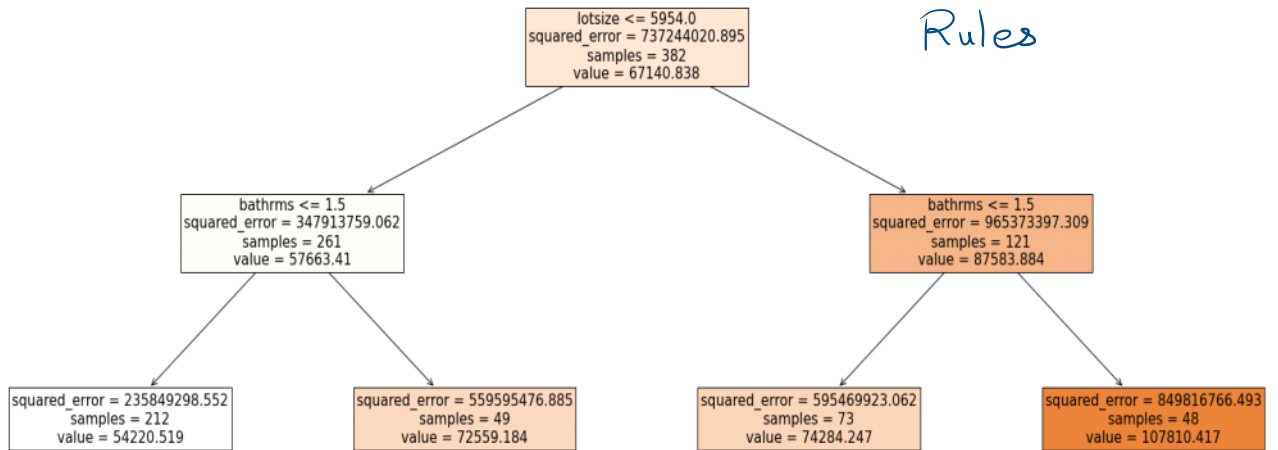
In [19]: X_test.iloc[0,:]
Out[19]:
lotsize      6615
bedrooms      4
bathrms       2
stories       2
garagepl      1
driveway_yes  1
recroom_yes   1
fullbase_yes  0
gashw_yes     1
airco_yes     0
prefarea_yes  0
  
```

pred = 107810.417



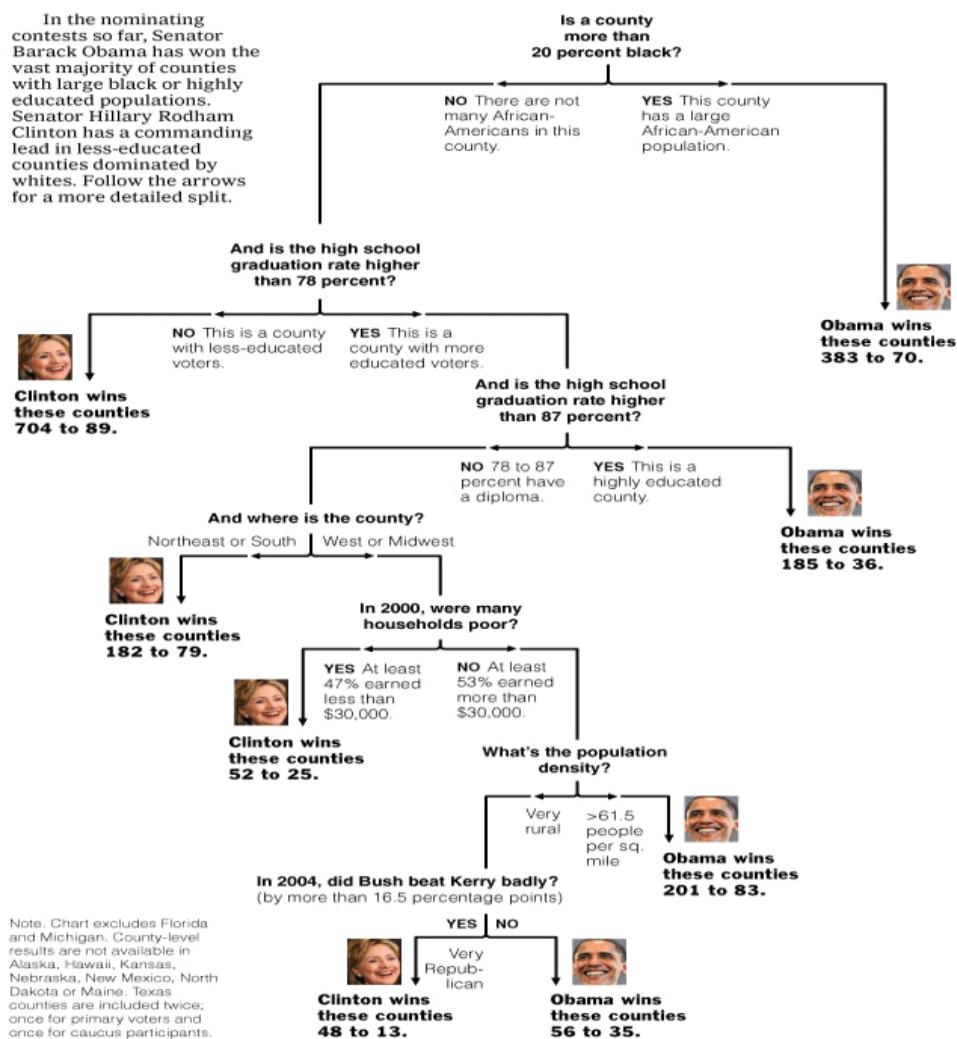


Set of Rules



Decision Tree: The Obama-Clinton Divide

In the nominating contests so far, Senator Barack Obama has won the vast majority of counties with large black or highly educated populations. Senator Hillary Rodham Clinton has a commanding lead in less-educated counties dominated by whites. Follow the arrows for a more detailed split.



Note: Chart excludes Florida and Michigan. County-level results are not available in Alaska, Hawaii, Kansas, Nebraska, New Mexico, North Dakota or Maine. Texas counties are included twice; once for primary voters and once for caucus participants.

Sources: Election results via The Associated Press; Census Bureau; Dave Leip's Atlas of U.S. Presidential Elections

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THE NEW YORK TIMES