```
In [1]: import numpy as np
   import pandas as pd
   import matplotlib.pyplot as plt
   %matplotlib inline

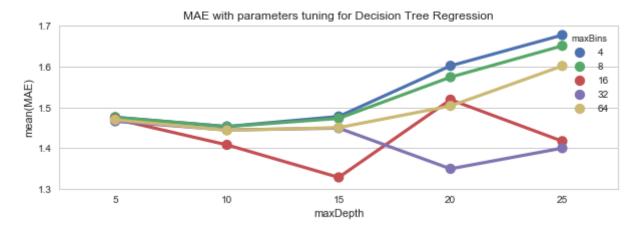
import seaborn as sns
   sns.set(style="whitegrid", color_codes=True)
```

In [2]: metric = pd.read\_csv('decision\_model\_evaluation.csv')

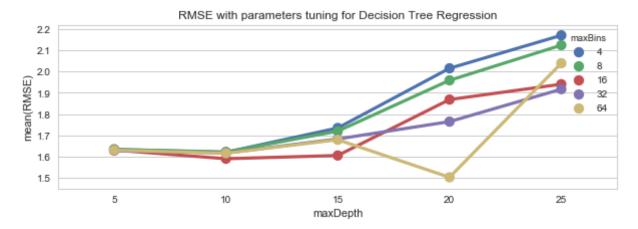
In [3]: metric.loc[123,'RMSE'] = 1.487954

In [5]: param = metric[metric['SampleData'] == 50]

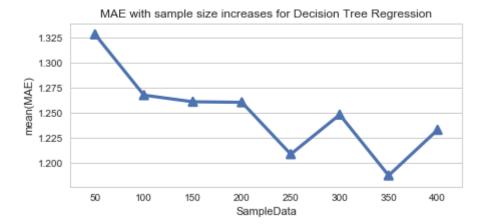
In [20]: f, ax = plt.subplots(figsize=(10, 3))
 plt.title('MAE with parameters tuning for Decision Tree Regression')
 sns.pointplot(x=param['maxDepth'], y=param['MAE'], hue=param['maxBins'], dat

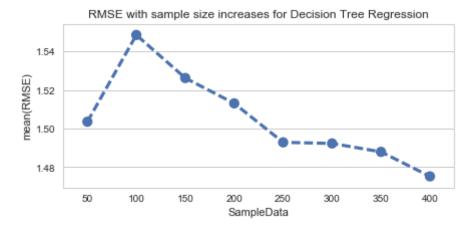


In [21]: f, ax = plt.subplots(figsize=(10, 3))
 plt.title('RMSE with parameters tuning for Decision Tree Regression')
 sns.pointplot(x=param['maxDepth'], y=param['RMSE'], hue=param['maxBins'], data

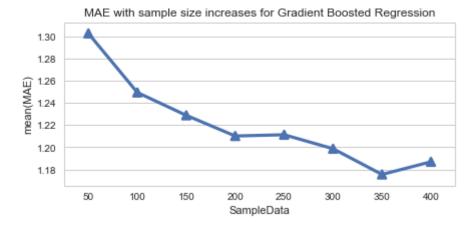


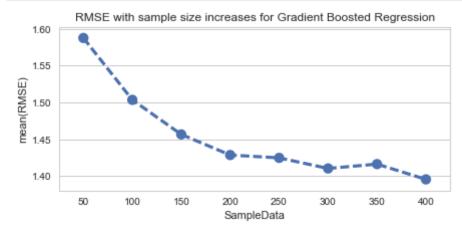
In [8]: sample = metric.groupby(metric['SampleData']).min().reindex()





```
In [11]: gbt_metric = pd.read_csv('gbt_model_evaluation.csv')
```





```
In [15]: xgboost = gbt_metric[gbt_metric['Unnamed: 0'] == 'xgboost']
```

