

Regression Result:

Test Mean Squared Error: 0.09853037841721714

Learned regression forest model:

TreeEnsembleModel regressor with 1 trees

Tree 0:

```
If (feature 21 <= 1.0)
  If (feature 9 <= 0.0)
    Predict: 0.0
  Else (feature 9 > 0.0)
    If (feature 8 <= 9.0898133914)
      Predict: 1.4816091954000001
    Else (feature 8 > 9.0898133914)
      Predict: 3.0
  Else (feature 21 > 1.0)
    If (feature 20 <= 0.3463)
      If (feature 27 <= 0.1806666702)
        Predict: 2.744879556472414
      Else (feature 27 > 0.1806666702)
        Predict: 1.6666666666666667
    Else (feature 20 > 0.3463)
      If (feature 20 <= 0.62116)
        Predict: 3.5791829428770487
      Else (feature 20 > 0.62116)
        Predict: 4.0881636794391305
```

Feature table:

1. phoenix_complete_feature.gtfs1
2. phoenix_complete_feature.gtfs2
3. phoenix_complete_feature.gtfs3
4. phoenix_complete_feature.gtfs4
5. phoenix_complete_feature.gtfs5
6. phoenix_complete_feature.gtfs6
7. phoenix_complete_feature.gtfs7
8. phoenix_complete_feature.gtfs8
9. phoenix_complete_feature.gtfs9
10. phoenix_complete_feature.location
11. phoenix_complete_feature.business_count
12. phoenix_complete_feature.reviewcount
13. phoenix_complete_feature.five_star_count
14. phoenix_complete_feature.four_star_count
15. phoenix_complete_feature.three_star_count
16. phoenix_complete_feature.two_star_count
17. phoenix_complete_feature.one_star_count
18. phoenix_complete_feature.senti_neg_avg
19. phoenix_complete_feature.senti_pos_avg
20. phoenix_complete_feature.senti_neu_avg

21. phoenix_complete_feature.senti_comp_avg
22. phoenix_complete_feature.senti_compound_pos_count
23. phoenix_complete_feature.senti_compound_neg_count
24. phoenix_complete_feature.senti_compound_neu_count
25. phoenix_complete_feature.tweet_count
26. phoenix_complete_feature.senti_negative_avg
27. phoenix_complete_feature.senti_neutral_avg
28. phoenix_complete_feature.senti_positive_avg
29. phoenix_complete_feature.senti_compound_avg
30. phoenix_complete_feature.senti_compound_positive_count
31. phoenix_complete_feature.senti_compound_negative_count
32. phoenix_complete_feature.senti_compound_neutral_count