**Log Data Preparation**

1. Baseline (Run full 693k rows)

A screenshot of a graph

Description automatically generated

2. Tune Model LGBM (Run full 693k rows)

A screen shot of a computer code

Description automatically generated

A screen shot of a computer code

Description automatically generated

A screenshot of a computer

Description automatically generated

3. Tune Model LGBM to all hyperparameter except learning\_rate (Run full 693k rows)

A screen shot of a computer code

Description automatically generated

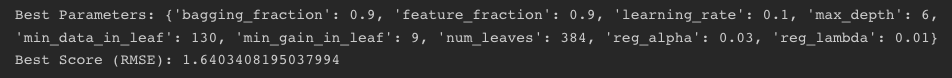
A screenshot of a computer

Description automatically generated

4. Tune Model LGBM for learning\_rate (Run full 693k rows)A screen shot of a computer code

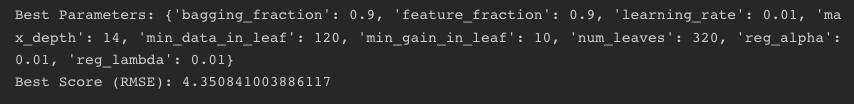
Description automatically generated

A screenshot of a black screen

Description automatically generated

5. Tune Model LGBM for learning\_rate (Run 69,3k rows)A screen shot of a computer code

Description automatically generated



A screenshot of a computer

Description automatically generated

Sepertinya harusnya basemodel pakai jumlah data yg sama

6. Tune Model LGBM for learning\_rate (Run full 693k rows)A screen shot of a computer code

Description automatically generated

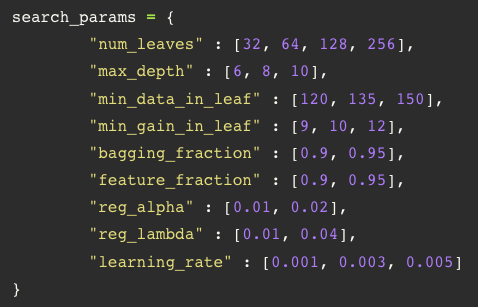
A black background with white text

Description automatically generated

A screenshot of a computer

Description automatically generated

7. Tune Model LGBM for learning\_rate (Run 69,3k rows)



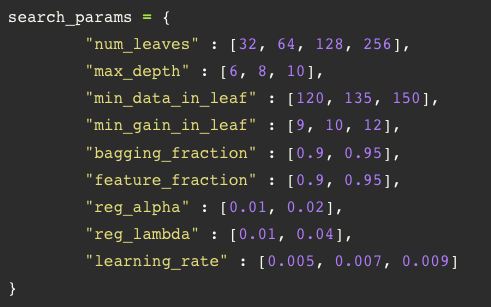
A black screen with white text

Description automatically generated

A screenshot of a computer

Description automatically generated

8. Tune Model LGBM for learning\_rate (Run 69,3k rows)



A screenshot of a computer

Description automatically generated

A screen shot of a computer

Description automatically generated

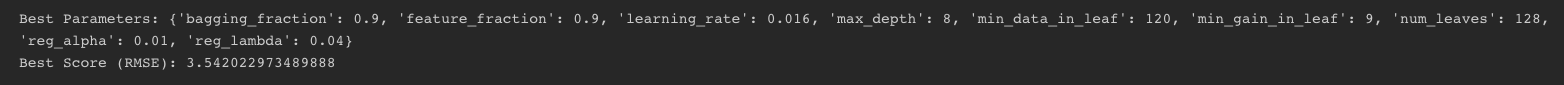
A screenshot of a computer

Description automatically generated

9. Tune Model LGBM for learning\_rate (Run 69,3k rows)

A screen shot of a computer code

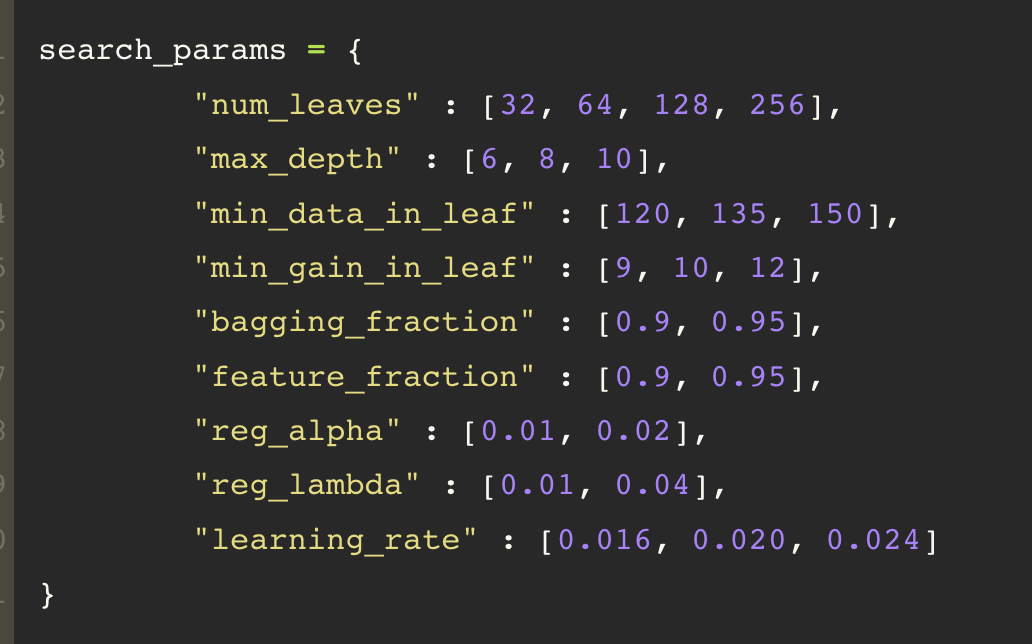
Description automatically generated

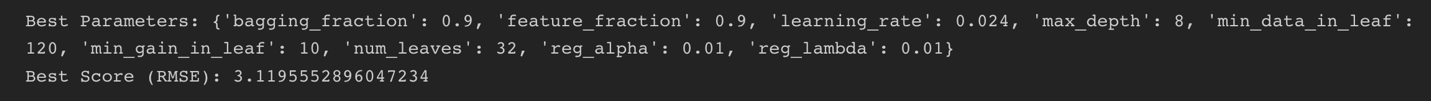


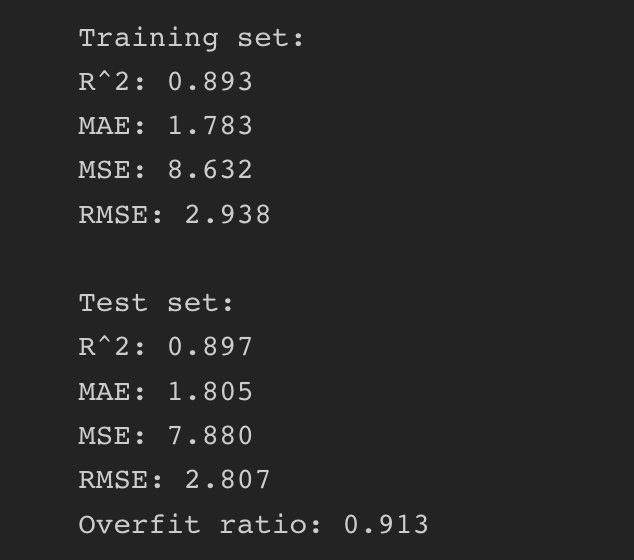
A screenshot of a computer

Description automatically generated

10. Tune Model LGBM for learning\_rate (Run 69,3k rows)



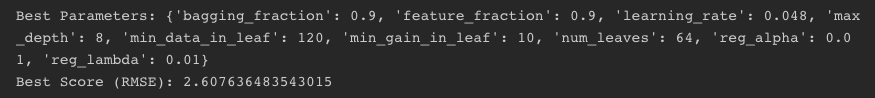


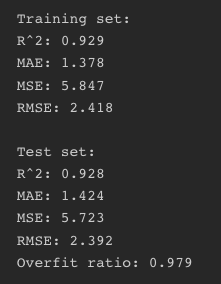


11. Tune Model LGBM for learning\_rate (Run 6,93k rows)

A screen shot of a computer code

Description automatically generated





12. Tune Model LGBM for learning\_rate (Run 6,93k rows)

A screen shot of a computer code

Description automatically generated

A black screen with white text

Description automatically generated

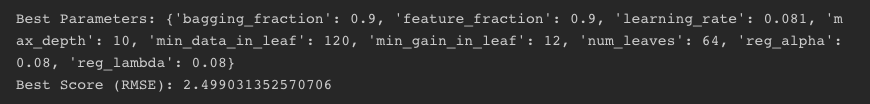
A screenshot of a computer

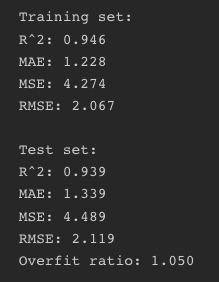
Description automatically generated

13. Tune Model LGBM for learning\_rate (Run 6,93k rows)

A screenshot of a computer program

Description automatically generated





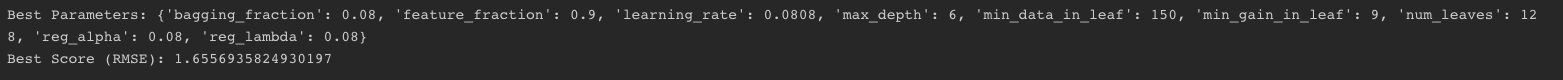
14. Tune Model LGBM for learning\_rate (Run full 693k rows)

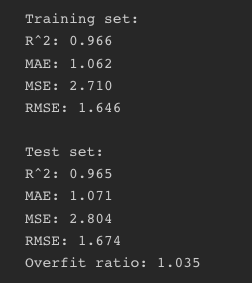
A screen shot of a computer code

Description automatically generated

A close up of a phone

Description automatically generated

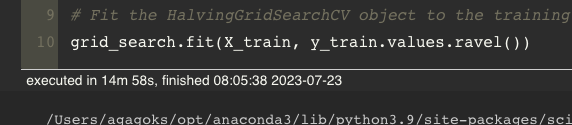




15. Tune Model LGBM for learning\_rate (Run full 693k rows)

A screenshot of a computer program

Description automatically generated



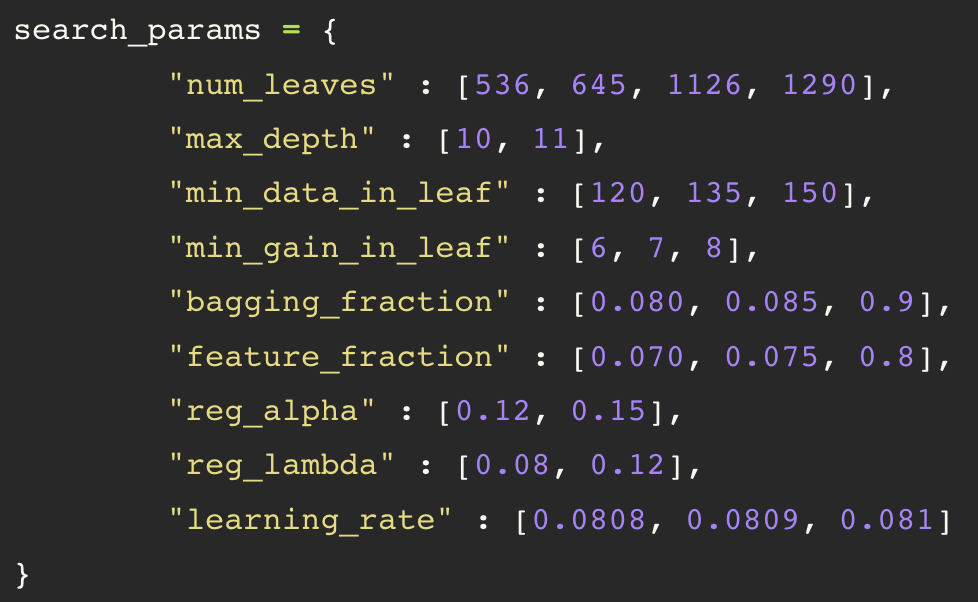
A computer screen with white text

Description automatically generated

A screenshot of a computer

Description automatically generated

16. Tune Model LGBM for learning\_rate (Run full 693k rows)



A screen shot of a computer

Description automatically generated

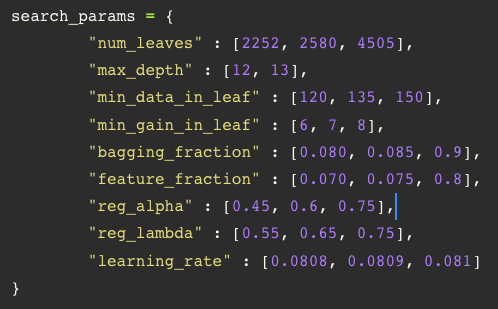
A black screen with white text

Description automatically generated

A screenshot of a black screen

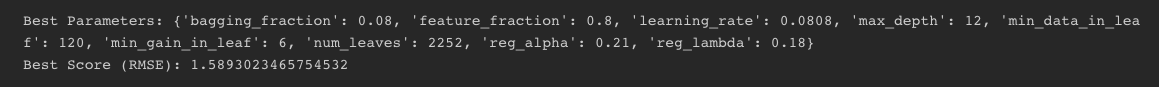
Description automatically generated

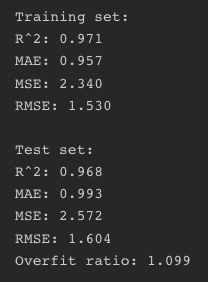
17. Tune Model LGBM for learning\_rate (Run full 693k rows)



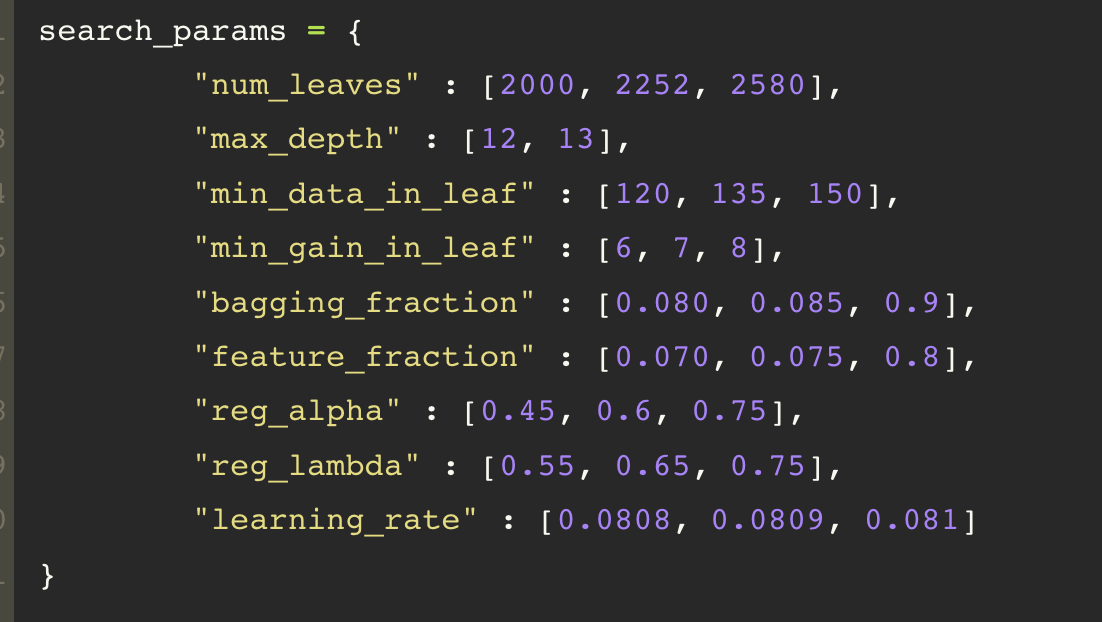
A screenshot of a computer code

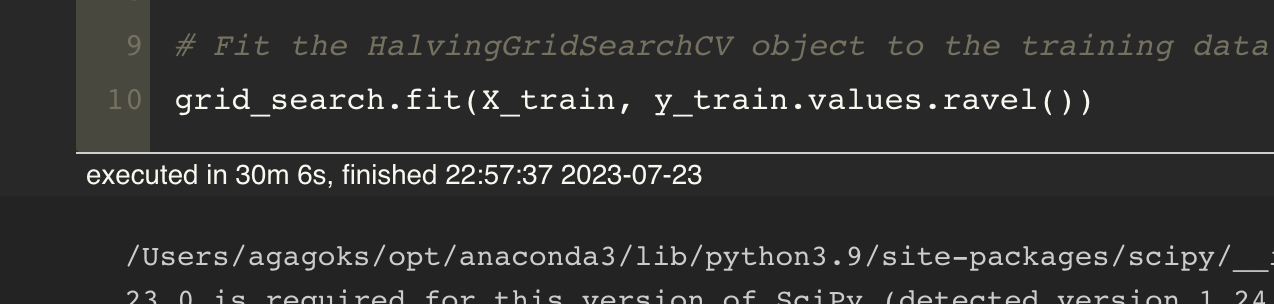
Description automatically generated

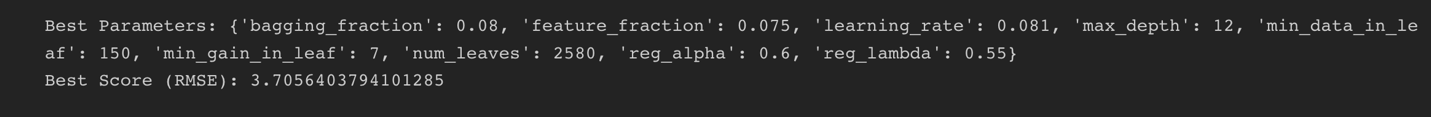




18. Tune Model LGBM for learning\_rate (Run full 693k rows)



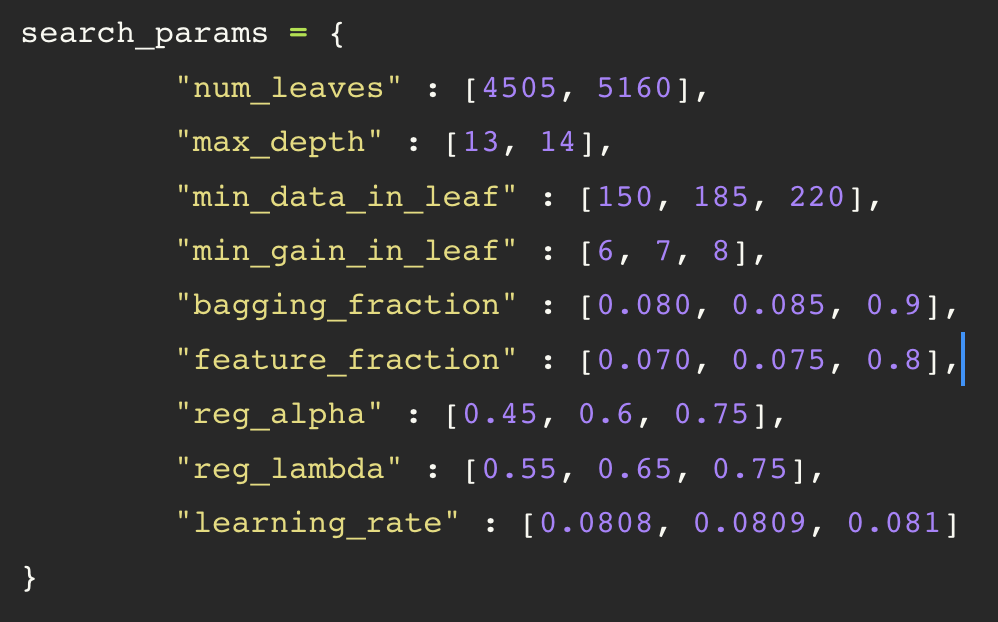


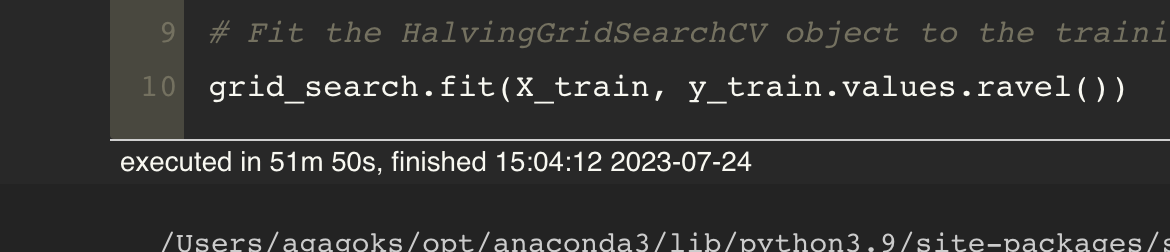


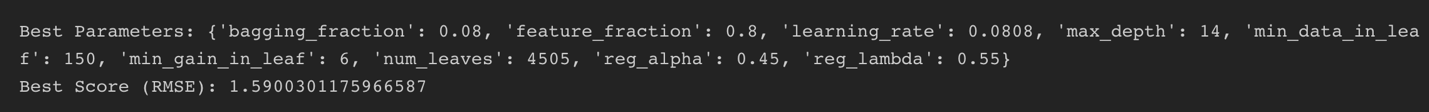
A screenshot of a computer

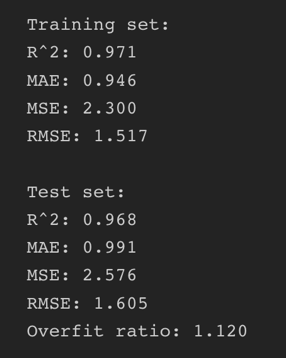
Description automatically generated

19. Tune Model LGBM for learning\_rate (Run full 693k rows)

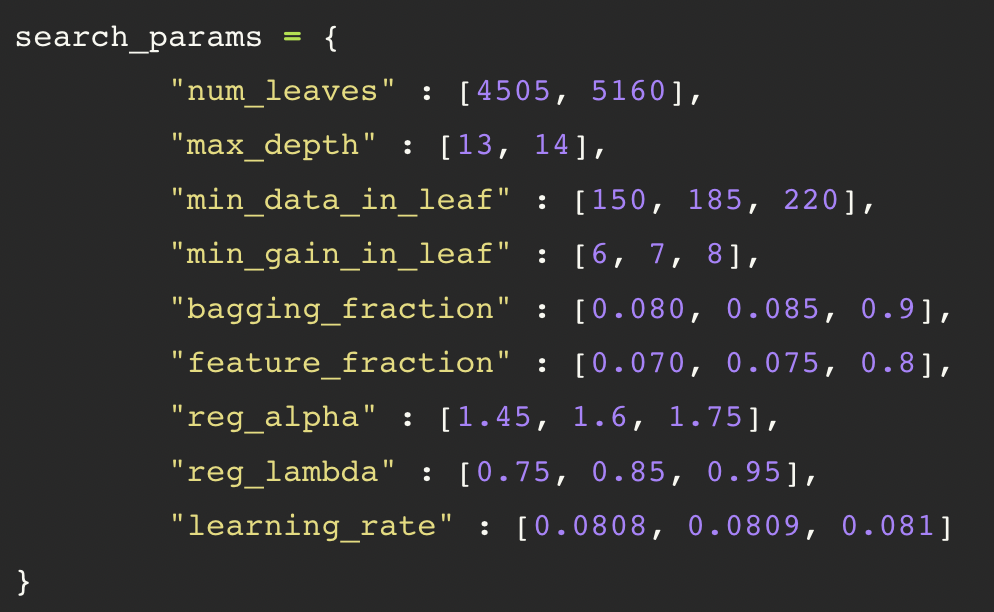






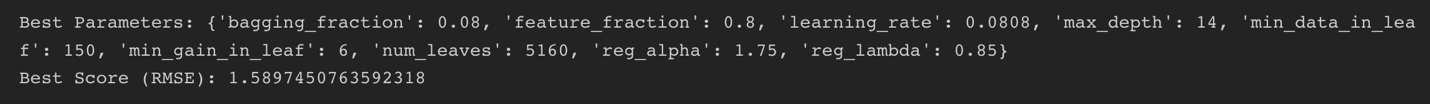


20. Tune Model LGBM for learning\_rate (Run full 693k rows)



A screenshot of a computer code

Description automatically generated



A screenshot of a computer

Description automatically generated