

Your grade: 100%

Your latest: 100% • Your highest: 100% • To pass you need at least 70%. We keep your highest score.

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1. How many rows are present in the data set (NASA_airfoil_noise_raw.csv)? 1 / 1 point

1522

 Correct

2. How many rows are present in the data set after the duplicate rows are dropped? 1 / 1 point

1503

 Correct

3. How many rows are present in the data set after the duplicate rows and rows with null values are dropped? 1 / 1 point

1499

 Correct

4. What is the new column name of the old column SoundLevel? 1 / 1 point

SoundLevelDecibels

 Correct

5. What is the name of the parquet file that was created after dropping duplicates and null row removal? 1 / 1 point

NASA_airfoil_noise_cleaned.parquet

 Correct

6. How many rows are present in the cleaned parquet data set ? 1 / 1 point

1499

 Correct

7. What is the first stage of the machine learning pipeline? 1 / 1 point

VectorAssembler

 Correct

8. What is the second stage of the machine learning pipeline? 1 / 1 point

StandardScaler

 Correct

9. What is the Third stage of the machine learning pipeline? 1 / 1 point

LinearRegression

 Correct

10. What is the name of the column mentioned as labelcol in the LinearRegression stage of the pipeline?

1 / 1 point

SoundLevelDecibels

✓ Correct

11. What is the value of the metric Mean Squared Error?

1 / 1 point

22.59

✓ Correct

12. What is the value of the metric Mean Absolute Error?

1 / 1 point

3.73

✓ Correct

13. What is the value of the metric R Squared?

1 / 1 point

0.54

✓ Correct

14. What is the value of the Intercept?

1 / 1 point

132.6

✓ Correct

15. How many stages are there in the pipeline model?

1 / 1 point

3

✓ Correct

16. What is the coefficient for Frequency?

1 / 1 point

Note: It is important to ensure that the precision of the numerical values you provide as answers in the quiz matches the precision of the final project lab results.

-3.9728

✓ Correct

17. What is the coefficient for AngleOfAttack?

1 / 1 point

Note: It is important to ensure that the precision of the numerical values you provide as answers in the quiz matches the precision of the final project lab results.

-2.4775

✓ Correct

18. What is the coefficient for ChordLength?

1 / 1 point

Note: It is important to ensure that the precision of the numerical values you provide as answers in the quiz matches the precision of the final project lab results.

-3.3818

✓ Correct

19. What is the coefficient for FreeStreamVelocity?

1 / 1 point

Note: It is important to ensure that the precision of the numerical values you provide as answers in the

quiz matches the precision of the final project lab results.

1.5789

✓ Correct

20. What is the coefficient for SuctionSideDisplacement?

1 / 1 point

Note: It is important to ensure that the precision of the numerical values you provide as answers in the quiz matches the precision of the final project lab results.

-1.6465

✓ Correct