Your grade: 95%

VectorAssembler

Your latest: 95% • Your highest: 95% • To pass you need at least 70%. We keep your highest score.



i≡ Instructions			
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		
4.	What is the new column name of the old column SoundLevel?	1/1 point	
	SoundLevelDecibels		
	⊘ Correct		
_		0/1 ======	
5.	What is the name of the parquet file that was created after dropping duplicates and null row removal? NASA_airfoil_noise_cleaned	0 / 1 point	
	⊗ Incorrect		
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	

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	
11.	What is the value of the metric Mean Squared Error?	1/1 point
	22.59	
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	
1/	What is the value of the Intercept?	1 / 1 point
14.	132.6	1/10000
15.	How many stages are there in the pipeline model?	1 / 1 point
		,

⊘ 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? 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.	1/1 point
	-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	
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	