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Week 2: Ass	signment 2 (Non Graded))
Assignment not submitted		
Note : This assignment is only for	practice purpose and it will not be counted towards the Final score	
1) If a data matrix does not hav	re a full column rank, one can then:	1 point
Adding more samples from	f variables be calculated if they are from the same data generation process in the same data generation process will not change the rank of the main ot be calculated if they are from the same data generation process	trix
•	ables Iculated if they are from the same data generation process same data generation process will not change the rank of the matrix	
2) Which of the following is Tru	e about null space of a matrix?	1 point
Nullity of a matrix is the nu✓ The size of the null space attributes	A consists of all vectors β such that $A\beta = 0$ and $\beta \neq 0$ mber of vectors in the null space of the given matrix of a matrix provides us with the number of linear relations among the re useful to identify these linear relationships	
Nullity of a matrix is the number The size of the null space of a r	nsists of all vectors β such that $A\beta = 0$ and $\beta \neq 0$ r of vectors in the null space of the given matrix matrix provides us with the number of linear relations among the attributeful to identify these linear relationships	ıtes
3) $ \qquad \text{The rank of the matrix $A=$} $	$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 4 & 2 & 3 & 0 \\ 1 & 0 & 0 & 0 \\ 4 & 0 & 3 & 0 \end{bmatrix}$	1 point
3210Yes, the answer is correct.		
Score: 1 Accepted Answers: 3		
4) The determinant of the matri	ix $Z=egin{bmatrix} 5&4&7\5&-6&5\4&2&-3 \end{bmatrix}$ is	1 point
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No, the answer is incorrect. Score: 0 Accepted Answers: 418		

Check Answers and Submit

Your score is: 1.58/4