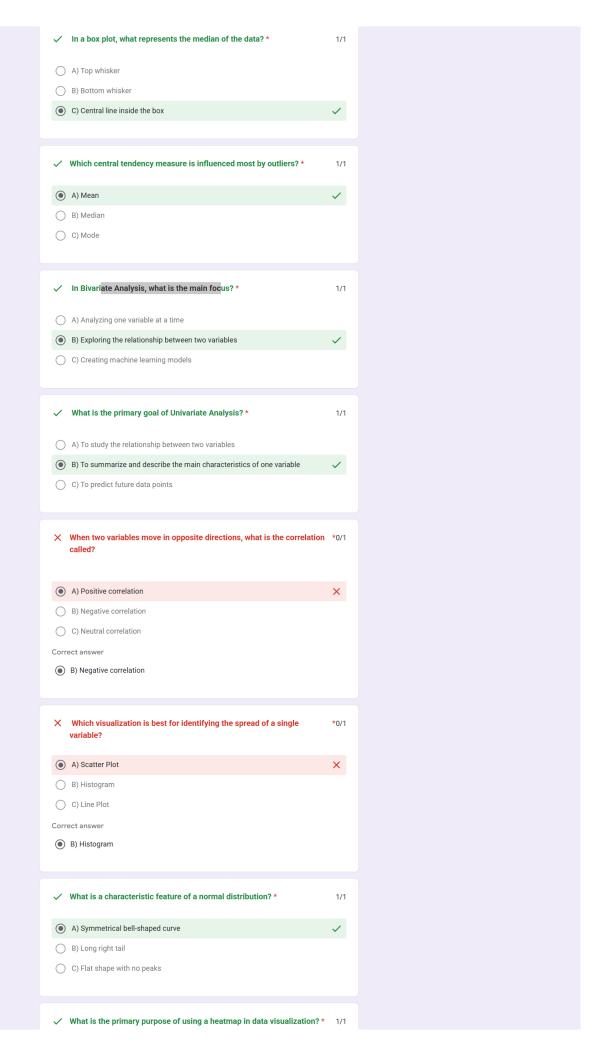
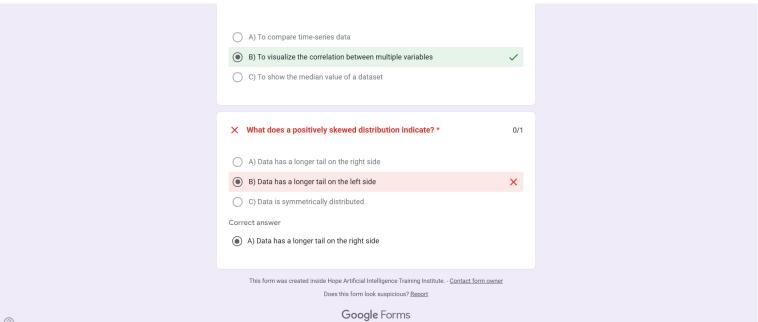
2.Data Science(Week 5-7) - Set -2  Total points 10/15	
Email * venkadesh5990@gmail.com	
✓ What does a violin plot combine? *	1/1
A) Box plot and KDE (Kernel Density Estimate)	<b>~</b>
B) Histogram and Scatter Plot	
C) Pie Chart and Line Plot	
✓ Which measure is often used to detect outliers in univariate analysis? *	1/1
A) Mean	
B) Interquartile Range (IQR)	<b>✓</b>
C) Correlation Coefficient	
If the correlation coefficient between two variables is 0.9, what does it imply?	*1/1
A) Strong positive correlation	~
B) Weak correlation	
C) No correlation	
✓ Which measure is used to find how spread out data points are? *	1/1
A) Correlation	
B) Variance	<b>✓</b>
C) Mode	
X Which plot is most suitable for analyzing the relationship between two continuous variables?	*0/1
<ul><li>A) Box Plot</li></ul>	×
B) Scatter Plot	
C) Pie Chart	
Correct answer	
B) Scatter Plot	
X Which visualization is commonly used to show the frequency distribution of categorical data?	*0/1
A) Line Chart	
B) Bar Plot	
C) Violin Plot	×
Correct answer	
B) Bar Plot	





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