

Correct Marks : 3

Question Label : Short Answer Question

How many Accidents per 1000 Driver happens for Age 25 and driving blue car ?

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

73 to 75

Question Number : 212 Question Id : 640653695976 Question Type : MSQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 2 Max. Selectable Options : 0

Question Label : Multiple Select Question

To improve the given model which of the following preprocessing step you suggest?

Options :

6406532324997. ✓ StandardScaler()

6406532324998. ✗ OrdinalEncoder()

6406532324999. ✓ MinMaxScaler()

6406532325000. ✗ LabelEncoder()

BDM

Section Id : 64065349208

Section Number : 9

Section type : Online

Mandatory or Optional :	Mandatory
Number of Questions :	19
Number of Questions to be attempted :	19
Section Marks :	30
Display Number Panel :	Yes
Section Negative Marks :	0
Group All Questions :	No
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	640653102849
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 213 Question Id : 640653696001 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 0

Question Label : Multiple Choice Question

THIS IS QUESTION PAPER FOR THE SUBJECT "DIPLOMA LEVEL : BUSINESS DATA MANAGEMENT (COMPUTER BASED EXAM)"

ARE YOU SURE YOU HAVE TO WRITE EXAM FOR THIS SUBJECT?

CROSS CHECK YOUR HALL TICKET TO CONFIRM THE SUBJECTS TO BE WRITTEN.

(IF IT IS NOT THE CORRECT SUBJECT, PLS CHECK THE SECTION AT THE [TOP](#) FOR THE SUBJECTS REGISTERED BY YOU)

Options :

6406532325091. ✓ YES

6406532325092. ✗ NO

Sub-Section Number : 2
Sub-Section Id : 640653102850
Question Shuffling Allowed : Yes
Is Section Default? : null

Question Number : 214 Question Id : 640653696002 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

What is the primary function of the circular flow of income in a market economy?

Options :

6406532325093. ✖ Redistributing wealth equally among all citizens

6406532325094. ✖ Regulating the government's fiscal policy

6406532325095. ✔ Showing the flow of goods, services, and money between households and firms

6406532325096. ✖ Controlling inflation rates in the market

Question Number : 215 Question Id : 640653696003 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Which model represents a system where both government and private firms operate together in economic activities?

Options :

6406532325097. ✖ Centralized economic model

6406532325098. ✔ Hybrid economic model

6406532325099.

✘ Market-based economic model

6406532325100. ✘ Decentralized economic model

Question Number : 216 Question Id : 640653696005 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

What is the function of the "PivotTable" feature in Excel?

Options :

6406532325105. ✘ To perform complex calculations on selected data

6406532325106. ✔ To generate summary reports from large datasets

6406532325107. ✘ To create advanced graphs and charts

6406532325108. ✘ To split a worksheet into multiple panes for easier viewing

Question Number : 217 Question Id : 640653696006 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Which of the following accurately describes an advanced feature or limitation of VLOOKUP in Excel?

Options :

6406532325109. ✘ VLOOKUP can handle multiple lookup values simultaneously within a single formula.

6406532325110. ✘ VLOOKUP can perform approximate matches only when sorted in descending order.

6406532325111. ✖ VLOOKUP is restricted to search within a single worksheet and cannot reference data from other workbooks.

6406532325112. ✔ VLOOKUP requires the lookup column to be on the leftmost side of the lookup range for accurate results.

Question Number : 218 Question Id : 640653696007 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

What best describes the Economic Census conducted by the government?

Options :

6406532325113. ✖ It is infrequent, covering every household in the country.

6406532325114. ✖ Conducted every five years to capture data from all households.

6406532325115. ✖ A sampling-based survey done every year to gather household information.

6406532325116. ✔ Conducted once every ten years, capturing data from every single household.

Question Number : 219 Question Id : 640653696008 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

When would you most likely use a bar graph in Excel?

Options :

6406532325117. ✔ To display the frequency distribution of categorical data

6406532325118. ✖ To represent changes over time

6406532325119. ✖ To illustrate the parts of a whole

6406532325120. ✖ To show relationships between variables

Question Number : 220 Question Id : 640653696009 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

The primary objective of stock management in e-commerce chiefly focuses on:

Options :

6406532325121. ✖ Maximizing stockouts and overstock situations

6406532325122. ✖ Curbing customer satisfaction

6406532325123. ✖ Augmenting shipping costs

6406532325124. ✔ Mitigating stockouts and overstock predicaments

Question Number : 221 Question Id : 640653696010 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

In the context of HR channel effectiveness calculation, what key metric measures the cost incurred to attract and hire a single candidate through a specific recruitment channel?

Options :

6406532325125. ✖ Time-to-Fill (TTF) ratio

6406532325126. ✖ Candidate Attrition rate

6406532325127. ✔ Cost-per-Hire (CPH)

6406532325128. ✖ Employee Engagement Index (EEI)

Question Number : 222 Question Id : 640653696011 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Which of the following best defines credit risk analysis?

Options :

6406532325129. ✖ Evaluating the potential financial loss due to market fluctuations

6406532325130. ✔ Assessing the possibility of default by borrowers

6406532325131. ✖ Determining the profitability of an investment

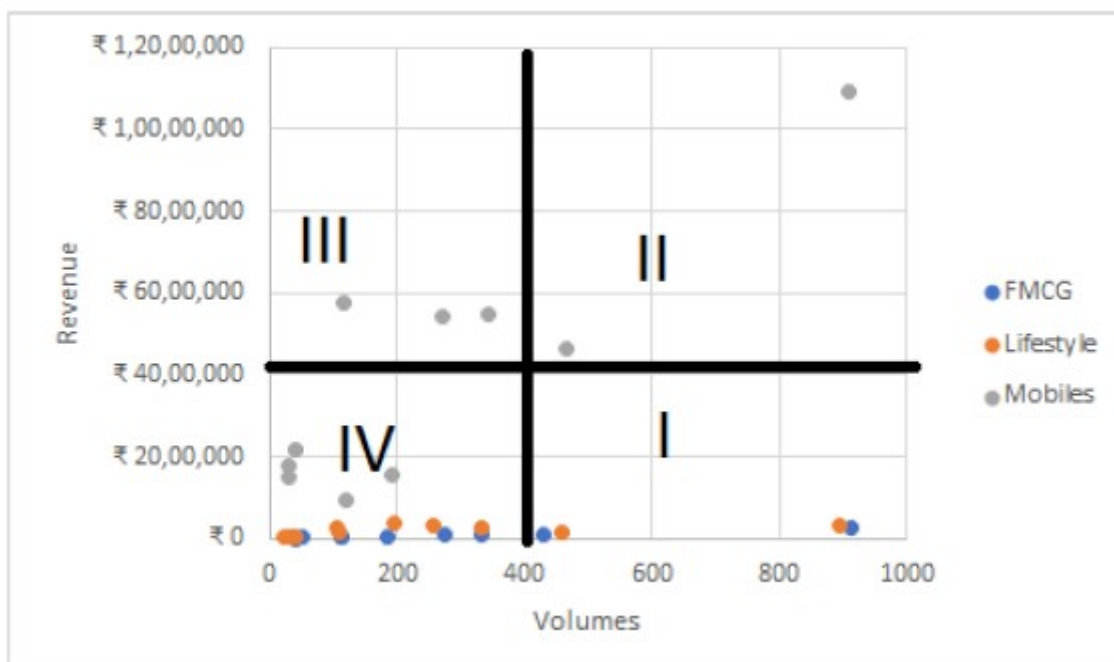
6406532325132. ✖ Analyzing currency exchange rates for international transactions

Question Number : 223 Question Id : 640653696015 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

From the Figure, which quadrant products will be placed in the secure area?



Options :

6406532325142. ✖ I & III

6406532325143. ✔ III & II

6406532325144. ✖ III & IV

6406532325145. ✖ Only II

Sub-Section Number : 3
Sub-Section Id : 640653102851
Question Shuffling Allowed : Yes
Is Section Default? : null

Question Number : 224 Question Id : 640653696017 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2

Question Label : Multiple Choice Question

Given the weights for skills, experience, and availability as 40%, 30%, and 30% respectively, and the provided candidate data, what is the ranking order of candidates from the highest to lowest based on their total normalized scores?

Availability is lower the better and Skills and Years are greater the better

Candidate	Skills (Out of 10)	Years of Experience	Availability (in months)
Candidate A	8	5	2
Candidate B	7	4	3
Candidate C	9	6	1
Candidate D	6	3	4
Candidate E	8	4	2

Options :

6406532325147. ✔ Candidate C > Candidate A > Candidate E > Candidate B > Candidate D

6406532325148. ✘ Candidate C > Candidate A > Candidate B > Candidate E > Candidate D

6406532325149. ✘ Candidate C > Candidate B > Candidate D > Candidate E > Candidate A

6406532325150. ✘ Candidate C > Candidate E > Candidate B > Candidate A > Candidate D

Sub-Section Number : 4
Sub-Section Id : 640653102852
Question Shuffling Allowed : Yes
Is Section Default? : null

Question Number : 225 Question Id : 640653696018 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Based on the provided dataset for credit risk analysis, which is the correct sequence of customers when we consider risk levels being low to high?

Customer ID	Income (USD)	Loan Amount (USD)	Payment History	Credit Score
1	60000	5000	Good	720
2	45000	3000	Fair	650
3	75000	8000	Poor	680
4	52000	6000	Good	700
5	68000	7500	Poor	670

Options :

6406532325151. ✘ 2,5,3,4,1

6406532325152. ✘ 1,4,2,3,5

6406532325153. ✘ 3,5,1,2,4

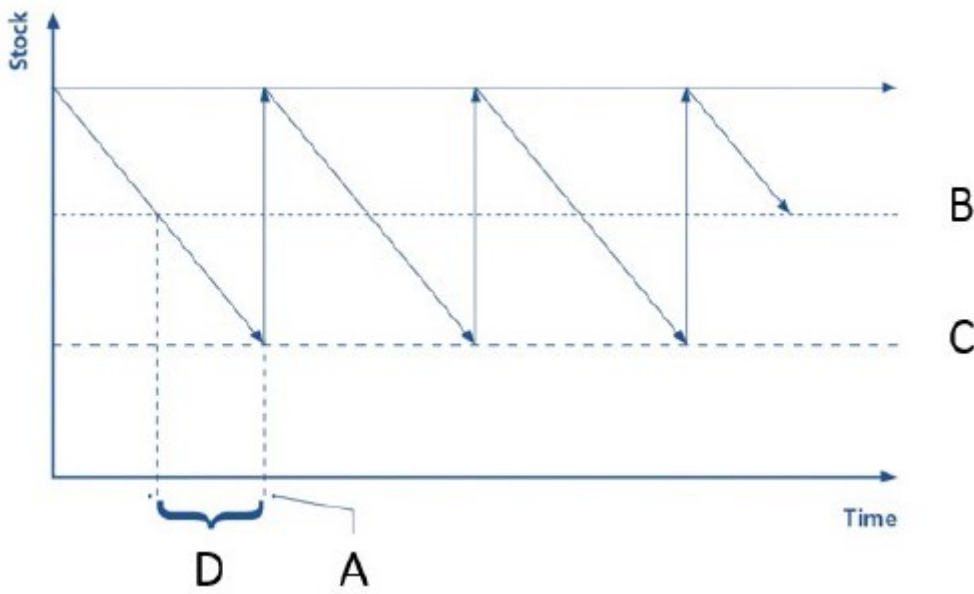
6406532325154. ✔ 1,4,3,5,2

Question Number : 226 Question Id : 640653696019 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Identify the labels for the following Reorder Point Graph correctly



Options :

6406532325155. ✘ A - Safety Stock; B - Lead Time, C - Reorder Point, D - Physical Receipt of Order

6406532325156. ✘ A - Lead Time; B - Reorder Point; C - Physical Receipt of Order ; D - Safety Stock

6406532325157. ✘ A - Lead Time; B - Safety Stock, C - Reorder Point, D - Physical Receipt of Order

6406532325158. ✔ A - Physical Receipt of Order; B - Reorder Point; C - Safety Stock ; D - Lead Time

Sub-Section Number : 5

Sub-Section Id : 640653102853

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 227 Question Id : 640653696004 Question Type : MSQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 1 Max. Selectable Options : 0

Question Label : Multiple Select Question

What can be inferred about the relationship between income and the demand for goods with fixed prices? [Select all that apply]

Options :

6406532325101. ✓ Demand might increase for some goods

6406532325102. ✓ Demand might decrease for some goods

6406532325103. ✗ Demand will increase for all goods

6406532325104. ✗ Demand will decrease for all goods

Sub-Section Number :	6
Sub-Section Id :	640653102854
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 228 Question Id : 640653696025 Question Type : MSQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

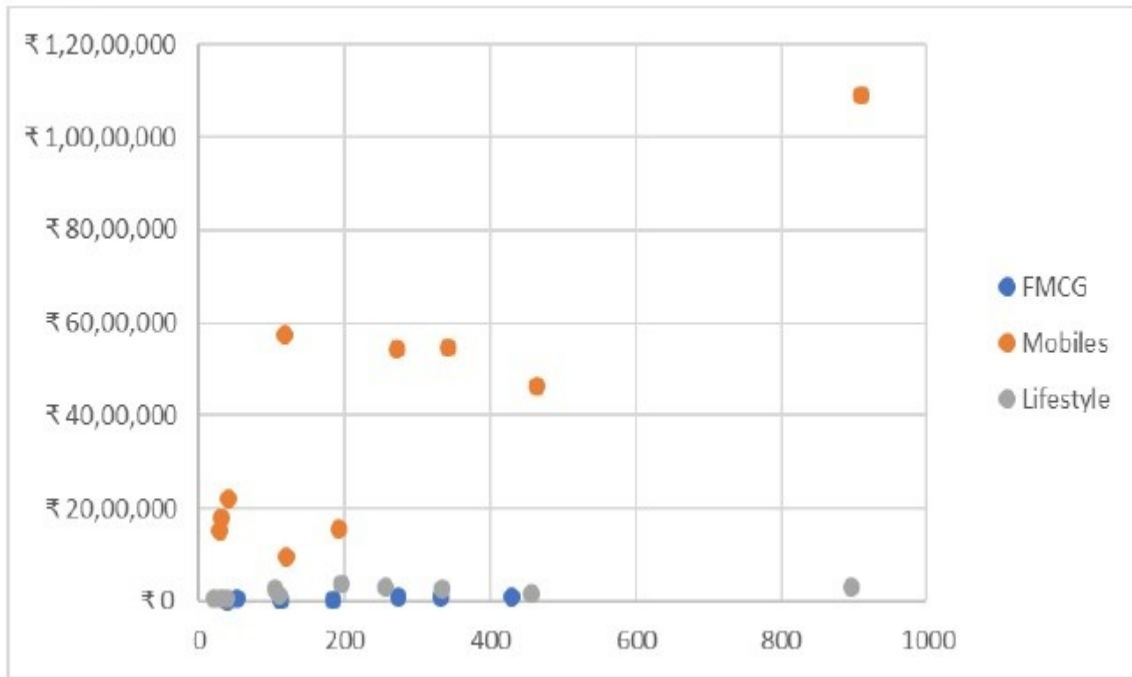
Time : 0

Correct Marks : 2 Max. Selectable Options : 0

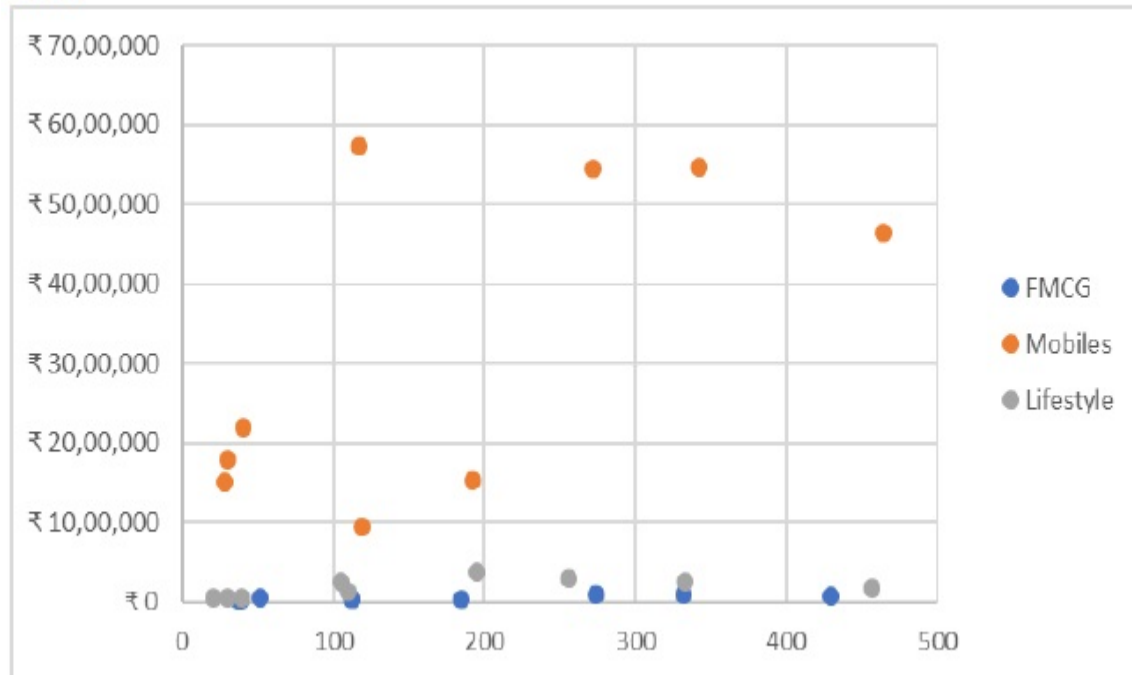
Question Label : Multiple Select Question

What brings about the change in the following scatter plots?

Before:



After:



Options :

6406532325175. ✘ Formatting Legend

6406532325176. ✘ Increasing Data Points

6406532325177. ✔ Reducing the axis range

6406532325178. ✔ Eliminating the Outliers

Sub-Section Number :

7

Sub-Section Id :

640653102855

Question Shuffling Allowed :

Yes

Is Section Default? :

null

Question Number : 229 Question Id : 640653696016 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Short Answer Question

Given the following data points, calculate the OEE and write in the text box

Hint :

$$\text{OEE} = \text{Availability} \times \text{Performance} \times \text{Quality}$$

- Planned Production Hours (PPH): 600
- Lost Time (LOT): 50
- Designed Assembly Speed from Equipment (DA) per Hour: 250
- Actual Assembly Speed from Equipment (AA) per Hour: 220
- Total Units Assembled (TU): 12000
- Defective Units (DU): 600

Write the number portion of the percentage.

Eg. if your calculations result in 0.2856 as the answer, please enter **28.56** and not 28.56%, or 0.2586

Answer Space: _____ %

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

75.80 to 77.00

Sub-Section Number :

8

Sub-Section Id :

640653102856

Question Shuffling Allowed :

No

Is Section Default? :

null

Question Id : 640653696012 Question Type : COMPREHENSION Sub Question Shuffling

Allowed : No Group Comprehension Questions : No Question Pattern Type : NonMatrix

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Question Numbers : (230 to 231)

Question Label : Comprehension

Based on the following data, answer the given subquestions.

Product	Price	Volume	Sales
A	₹ 200.00	120	₹ 24,000
B	₹ 40.00	275	₹ 11,000
C	₹ 80.00	190	₹ 15,200
D	₹ 120.00	240	₹ 28,800
E	₹ 175.00	220	₹ 38,500
F	₹ 90.00	140	₹ 12,600
G	₹ 180.00	290	₹ 52,200
H	₹ 175.00	200	₹ 35,000
I	₹ 150.00	230	₹ 34,500
J	₹ 120.00	120	₹ 14,400
			₹ 2,66,200

Sub questions

Question Number : 230 Question Id : 640653696013 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

In terms of revenue generated, does this data follow the Pareto Principle?

Options :

6406532325133. ✘ No, because the revenue generated by the first 2 products does not contribute to 80% of the total revenue

6406532325134. ✔ No, because the top 20% percent products don't generate most of the revenue

for the company

6406532325135. ✘ Yes, because the revenue generated by the first 2 products - A&B contribute to 80% of the total revenue

6406532325136. ✘ Yes, because one single product in itself provides more than 80% revenue

6406532325137. ✘ No, because just one single product in itself provides more than 80% revenue

Question Number : 231 Question Id : 640653696014 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

If the company has to define its star products and concentrate on improving sales and prices of a pair of products based on their past performance - which ones should they be?

Options :

6406532325138. ✘ Products F&B

6406532325139. ✘ Products D&J

6406532325140. ✘ Products C&J

6406532325141. ✔ Products E&G

Sub-Section Number : 9

Sub-Section Id : 640653102857

Question Shuffling Allowed : No

Is Section Default? : null

Question Id : 640653696020 Question Type : COMPREHENSION Sub Question Shuffling Allowed : No Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Question Numbers : (232 to 235)

Question Label : Comprehension

Consider an e-commerce platform that recently conducted an A/B test to evaluate the effectiveness of a new website layout (A - Control, B - Variation). The dataset contains the following columns:

User_ID: Unique identifier for each user.

Group: A or B denoting the user's assigned group (Control or Variation).

Time_Spent: Time spent on the website in minutes.

Conversion: Binary variable (0 or 1) indicating whether the user made a purchase (1 for yes, 0 for no).

Device_Type: Categorical variable denoting the device used (Desktop, Mobile, Tablet).

Age_Group: Categorical variable indicating the user's age range (18-25, 26-35, 36-45, 46+).

User_ID	Group	Time_Spent	Conversion	Device_Type	Age_Group
1	A	10	1	Desktop	26-35
2	A	8	0	Mobile	18-25
3	B	15	1	Desktop	36-45
4	A	12	0	Tablet	46+
5	B	18	1	Mobile	26-35
6	B	7	0	Desktop	18-25
7	A	9	1	Mobile	36-45
8	B	20	0	Tablet	26-35
9	A	11	1	Desktop	46+
10	B	13	0	Mobile	18-25

Based on the above data, answer the given subquestions.

Sub questions

Question Number : 232 Question Id : 640653696021 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

The A/B test showed no statistically significant difference in conversion rates between Groups A

and B. What could be a possible reason for this outcome?

Options :

6406532325159. ✘ Inadequate sample size for Group A

6406532325160. ✘ Inconsistent distribution of device types across the groups

6406532325161. ✘ High variation in time spent on the website within each group

6406532325162. ✔ Similar conversion rates across different age groups in both groups

Question Number : 233 Question Id : 640653696022 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Which age group(s) displayed a statistically significant difference in conversion rates between Groups A and B?

Options :

6406532325163. ✘ 18-25 years old in Group A

6406532325164. ✘ 26-35 years old in Group A

6406532325165. ✔ 36-45 years old in Group B

6406532325166. ✘ 46+ years old in both groups

Question Number : 234 Question Id : 640653696023 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

If the average time spent on the website for Group B is higher than Group A, what inference can be made regarding the new website layout?

Options :

6406532325167. ✖ The new layout is more effective for younger users

6406532325168. ✖ The new layout is likely causing user confusion

6406532325169. ✖ The new layout is less engaging for mobile users

6406532325170. ✔ The new layout might be driving more engagement (but not necessarily conversions)

Question Number : 235 Question Id : 640653696024 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

What can be inferred from the conversion rates of the 26-35 age group in Groups A and B?

Options :

6406532325171. ✖ Group A has a higher conversion rate due to the new layout

6406532325172. ✖ Group B has a higher conversion rate due to the new layout

6406532325173. ✔ The new layout doesn't significantly impact this age group's conversion

6406532325174. ✖ There's not enough data to draw conclusions for this age group

Business Analytics

Section Id :	64065349209
Section Number :	10
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	15
Number of Questions to be attempted :	15
Section Marks :	45