

Price Perception & Customer Segmentation

Most Expensive Pack Based on Packaging:

most_expensive_pack

Fusion 79

Vector 75

Mach 3 56

bsc 54

Guard 36

Name: count, dtype: int64

Least Expensive Pack Based on Packaging:

least_expensive_pack

Fusion 72

bsc 69

Mach 3 59

Guard 55

Vector 45

Name: count, dtype: int64

Switch Brand if Competitor Has Better Packaging:

switch_response

Yes 133

Maybe 103

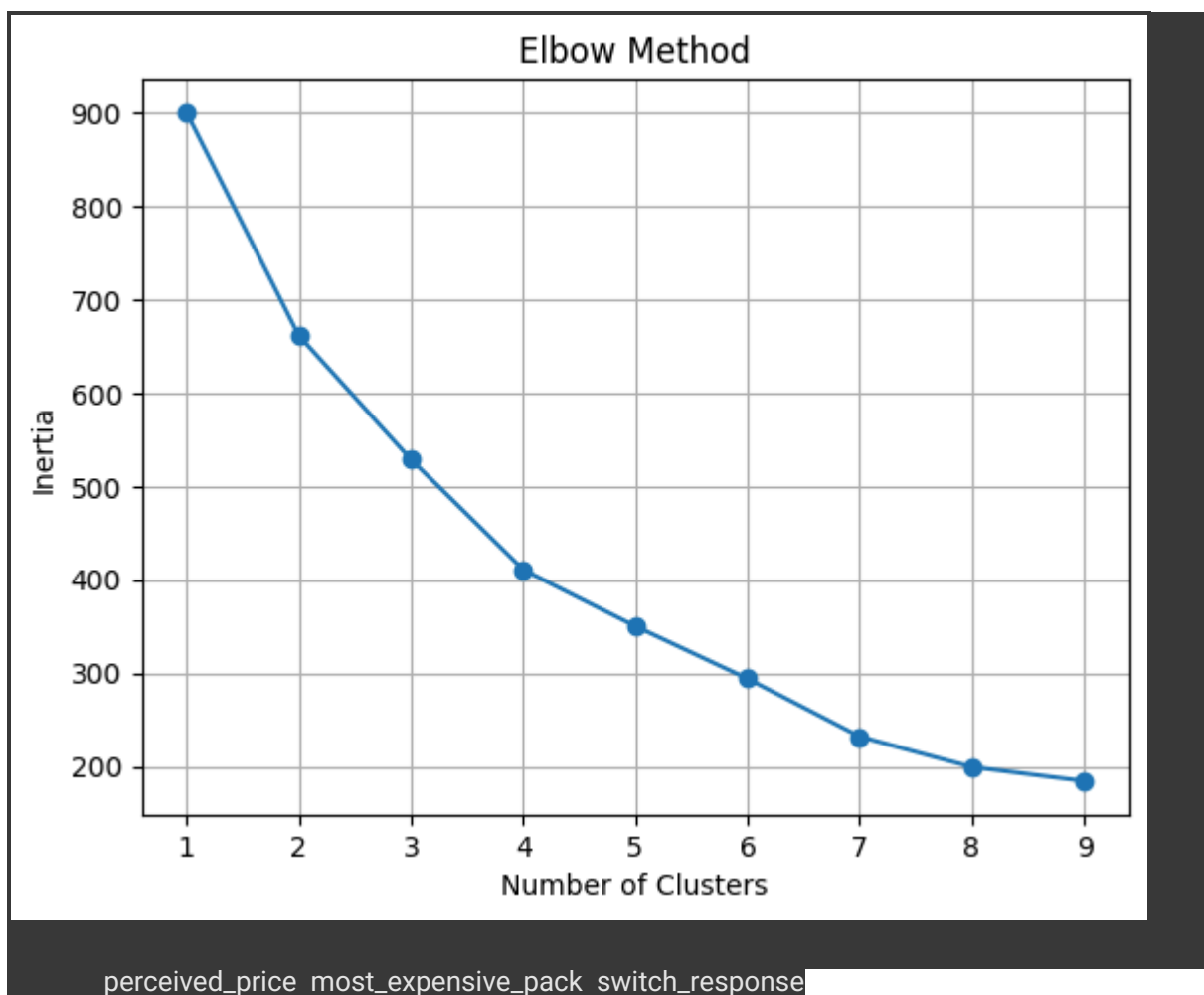
No 64

Name: count, dtype: int64

✓ Rows used for clustering: 0

⚠ No usable rows after cleaning. Please check for missing or unappable values.

Rows used for clustering: 300



price_cluster

0	0.882353	2.294118	1.000000
1	0.583333	1.805556	0.282407
2	2.511111	2.644444	0.577778

Classification Report:

	precision	recall	f1-score	support
Fusion	0.22	0.74	0.33	19
Guard	0.00	0.00	0.00	15
Mach 3	0.00	0.00	0.00	20
Vector	0.12	0.16	0.14	19
bsc	0.00	0.00	0.00	17
accuracy			0.19	90
macro avg	0.07	0.18	0.09	90
weighted avg	0.07	0.19	0.10	90

Confusion Matrix:

```
[[14 0 0 5 0]
 [10 0 0 5 0]
 [13 0 0 7 0]
 [16 0 0 3 0]]
```

[12 0 0 5 0]]

Price Influence on Brand Choice (Logistic Regression Coefficients):

	perceived_price
Fusion	0.030739
Guard	0.020681
Mach 3	-0.131549
Vector	-0.073082
bsc	0.153211