CodeX is a German beverage company that is aiming to make its mark in the Indian market. A few months ago, they launched their energy drink in 10 cities in India.

Their Marketing team is responsible for increasing brand awareness, market share, and product development. They conducted a survey in those 10 cities and received results from 10k respondents. Peter Pandey, a marketing data analyst is tasked to convert these survey results to meaningful insights which the team can use to drive actions.

```
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
import numpy as np
import warnings as warning
```

# To import data into dataframe

```
In [2]: df city=pd.read csv(r"E:\Study\Datas for projects\cold drink\Dataset\dim cities.csv")
        df_respondent=pd.read_csv(r"E:\Study\Datas for projects\cold drink\Dataset\dim_repondents.csv")
        df_survey=pd.read_csv(r"E:\Study\Datas for projects\cold drink\Dataset\fact_survey_responses.csv")
In [3]: df city.head(10) #This will give us top 10 rows
Out[3]:
           City_ID
                        City
                             Tier
        0 CT111
                       Delhi Tier 1
        1 CT112
                     Mumbai Tier 1
        2 CT113
                    Bangalore Tier 1
        3 CT114
                     Chennai Tier 1
        4 CT115
                      Kolkata Tier 2
        5 CT116 Hyderabad Tier 1
        6 CT117 Ahmedahad Tier 2
           CT118
                       Pune Tier 2
          CT119
                       Jaipur Tier 2
                     Lucknow Tier 2
          CT120
```

In [4]: df respondent.head(10) #This will give us top 10 rows

Out[4]:		Respondent_ID	Name	Age	Gender	City_ID
	0	120031	Aniruddh Issac	15-18	Female	CT117
	1	120032	Trisha Rout	19-30	Male	CT118
	2	120033	Yuvraj Virk	15-18	Male	CT116
	3	120034	Pranay Chand	31-45	Female	CT113
	4	120035	Mohanlal Joshi	19-30	Female	CT120
	5	120036	Zeeshan Ratta	19-30	Female	CT118
	6	120037	Oorja Anne	19-30	Male	CT112
	7	120038	Rhea Khanna	19-30	Male	CT116
	8	120039	Zara Joshi	46-65	Male	CT116
	9	120040	Sana Dhawan	19-30	Female	CT116

ıt[5]:		Response_ID	Respondent_ID	Consume_frequency	Consume_time	Consume_reason	Heard_before	Brand_perception	General_
	0	103001	120031	2-3 times a week	To stay awake during work/study	Increased energy and focus	Yes	Neutral	
	1	103002	120032	2-3 times a month	Throughout the day	To boost performance	No	Neutral	
	2	103003	120033	Rarely	Before exercise	Increased energy and focus	No	Neutral	
	3	103004	120034	2-3 times a week	To stay awake during work/study	To boost performance	No	Positive	
	4	103005	120035	Daily	To stay awake during work/study	Increased energy and focus	Yes	Neutral	
	5	103006	120036	Rarely	For mental alertness	To combat fatigue	Yes	Negative	
	6	103007	120037	2-3 times a month	To stay awake during work/study	Increased energy and focus	No	Positive	
	7	103008	120038	Rarely	Before exercise	To combat fatigue	No	Neutral	
	8	103009	120039	Once a week	To stay awake during work/study	To enhance sports performance	No	Neutral	
	9	103010	120040	Once a week	For mental alertness	To combat fatigue	Yes	Neutral	
1	10 r	ows × 23 colur	nns						

# To check shape of data

```
In [6]: # shape will return no of records and no of features
print('Shape of city dataframe is:',df_city.shape)
print('Shape of respondent dataframe is:',df_respondent.shape)
print('Shape of survey dataframe is:',df_survey.shape)

Shape of city dataframe is: (10, 3)
Shape of respondent dataframe is: (10000, 5)
Shape of survey dataframe is: (10000, 23)
```

```
Sanity check of data
In [7]: df_city.info() #We observed and insured that correct data types are mentioned
      <class 'pandas.core.frame.DataFrame'>
      RangeIndex: 10 entries, 0 to 9
      Data columns (total 3 columns):
       # Column Non-Null Count Dtype
       ---
           -----
                    -----
          City_ID 10 non-null
                                   object
       1
           City
                    10 non-null
                                   object
                    10 non-null
          Tier
                                   object
      dtypes: object(3)
      memory usage: 372.0+ bytes
In [8]: df respondent.info() #We observed and insured that correct data types are mentioned
      <class 'pandas.core.frame.DataFrame'>
      RangeIndex: 10000 entries, 0 to 9999
      Data columns (total 5 columns):
                        Non-Null Count Dtype
       - - -
           -----
                          -----
       0 Respondent ID 10000 non-null int64
          Name 10000 non-null object
       1
          Age
                         10000 non-null object
                        10000 non-null object
10000 non-null object
          Gender
City_ID
      dtypes: int64(1), object(4)
      memory usage: 390.8+ KB
```

In [9]: df\_survey.info() #We observed and insured that correct data types are mentioned

```
<class 'pandas.core.frame.DataFrame'>
        RangeIndex: 10000 entries, 0 to 9999
        Data columns (total 23 columns):
         #
            Column
                                             Non-Null Count Dtype
                                             -----
        0
            Response ID
                                             10000 non-null int64
                                             10000 non-null int64
10000 non-null object
         1
             Respondent ID
             Consume frequency
         3
            Consume time
                                             10000 non-null object
                                             10000 non-null object
         4
           Consume_reason
         5
             Heard before
                                             10000 non-null object
         6
             Brand_perception
                                             10000 non-null object
             General perception
                                             10000 non-null object
                                             10000 non-null object
         8
            Tried before
                                             10000 non-null int64
10000 non-null object
         9
             Taste experience
         10 Reasons_preventing_trying
                                             10000 non-null object
         11 Current brands
                                             10000 non-null object
         12 Reasons for choosing brands
         13 Improvements_desired
                                             10000 non-null object
                                             10000 non-null object
         14 Ingredients_expected
         15 Health concerns
                                             10000 non-null object
         16 Interest_in_natural_or_organic 10000 non-null object
         17
             Marketing channels
                                             10000 non-null
                                                             object
                                             10000 non-null object
         18 Packaging_preference
                                             10000 non-null object
         19 Limited edition packaging
                                             10000 non-null object
         20 Price_range
         21 Purchase location
                                             10000 non-null
                                                             object
         22 Typical_consumption_situations 10000 non-null object
        dtypes: int64(3), object(20)
        memory usage: 1.8+ MB
In [10]: df_city.isnull().sum() #We have no null values in our data
Out[10]: City_ID
                     0
         City
                    0
         Tier
                    0
         dtype: int64
In [11]: df_respondent.isnull().sum() #We have no null values in our data
Out[11]: Respondent_ID
                           0
         Name
                           0
                           0
         Aae
         Gender
                           0
         City ID
                           0
         dtype: int64
In [12]: df_survey.isnull().sum() #We have no null values in our data
Out[12]: Response ID
                                            0
         Respondent ID
                                            0
         Consume frequency
                                            Θ
         Consume time
         Consume_reason
                                            0
         Heard before
         Brand_perception
                                            0
         General perception
                                            0
         Tried_before
                                            0
         Taste experience
         Reasons_preventing_trying
         Current brands
         Reasons_for_choosing_brands
                                            0
         Improvements desired
         Ingredients expected
                                            0
         Health_concerns
         Interest_in_natural_or_organic
                                            0
         Marketing channels
         Packaging_preference
                                            0
                                            0
         Limited edition packaging
         Price_range
                                            0
         Purchase location
         Typical_consumption_situations
                                            0
         dtype: int64
In [13]:
         print('Duplicate values in our city dataframe is:',df_city.duplicated().sum())
         print('Duplicate values in our respondent dataframe is:',df_respondent.duplicated().sum())
         print('Duplicate values in our survey dataframe is:',df survey.duplicated().sum())
        Duplicate values in our city dataframe is: \theta
        Duplicate values in our respondent dataframe is: \theta
        Duplicate values in our survey dataframe is: 0
```

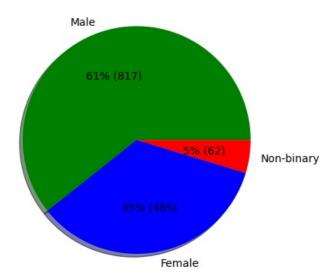
In [14]:	df_cit	y.describ	pe()										
Out[14]:		City_ID	City	Tier									
	count	10	10	10									
	unique	10	10	2									
	top	CT111	Delhi	Tier 1									
	freq	1	1	5									
In [15]:	df res	pondent.c	descri	he().T									
Out[15]:	u1_103	pondenere	count		std	min	25%	50	0% 7	75%	max		
000(15).	Respon	ident ID 1			2886.89568								
In [16]:	df_sur	vey.desc	ribe()	.Т									
Out[16]:			cou	nt r	mean	std	min	25%	50%	75%	% max		
	Res	sponse_ID	10000	.0 108000.	.5000 2886.8	895680 10	3001.0 105	500.75	108000.5	110500.2	5 113000.0		
	Resp	ondent_ID	10000	.0 125030.	.5000 2886.8	895680 12	0031.0 122	530.75	125030.5	127530.2	130030.0		
	Taste_e	experience	10000	.0 3.	.2819 1.2	239752	1.0	2.00	3.0	4.0	5.0		
In [17]:	df sur	vey											
Out[17]:	F	Response	ID Res	spondent II	O Consume	frequency	Consume	time C	Consume r	eason H	leard before	Brand_perception	Gene
			·		<u> </u>								
							To stay a		Increased (	eneray			
	0	10300	01	12003	1 2-3 ti	mes a week		luring	Increased and	energy I focus	Yes	Neutral	
	0	10300		12003 <sup>2</sup>		mes a week	work/	luring study ut the	and	l focus boost	Yes	Neutral Neutral	
	1	10300	02	120032	2 2-3 tin	nes a month	work/	luring study ut the day	and To perfor	boost mance	No	Neutral	
			02		2 2-3 tin		work/ Throughor  Before exe	luring study ut the day ercise	To perform	boost mance			
	1	10300	02	120032	2 2-3 tin	nes a month	Work/ Throughout Before exe	luring study ut the day ercise wake luring	To perform	boost mance energy I focus	No	Neutral	
	1 2	10300	02	120032 120033	2 2-3 tin	nes a month Rarely	Throughor  Before exe  To stay a  work/	luring study ut the day ercise wake luring study	To perform	l focus boost mance energy I focus	No No	Neutral Neutral	
	1 2	10300	02 03 04	120032 120033	2 2-3 tin 3 4 2-3 ti	nes a month Rarely	Throughout Before execution of the stay a work/	luring study  ut the day  ercise  wake luring study  wake luring	To perform Increased of another performance Increased of performance Increased of I	boost mance energy I focus	No No	Neutral Neutral	
	1 2 3	10300 10300 10300	02 03 04	12003; 12003; 12003; 12003;	2 2-3 tin 3 4 2-3 ti	nes a month Rarely mes a week Daily	Throughor  Before exe  To stay a  work/  To stay a	luring study  ut the day  ercise  wake luring study  wake luring study  study	To perform Increased of another performance Increased of performance Increased of I	boost mance energy I focus boost mance energy I focus energy I focus	No No No Yes	Neutral Neutral Positive	
	1 2 3 4	10300 10300 10300	02 03 04 05	120032 120033 120034 120038	2 2-3 tin 3 4 2-3 ti 5	nes a month Rarely mes a week Daily	Throughor  Before exe  To stay a  work/  To stay a  work/	luring study  ut the day  ercise wake luring study wake luring study	To perform Increased of another performance Increased of performance Increased of I	boost mance energy I focus boost mance energy I focus	No No No Yes	Neutral Positive Neutral	
	1 2 3	10300 10300 10300	02 03 04 05	12003; 12003; 12003; 12003;	2 2-3 tin 3 4 2-3 ti 5	nes a month Rarely mes a week Daily	Throughor  Before exe  To stay a  work/  To stay a  work/  Before exe	luring study  ut the day  ercise  wake luring study  wake study	and To perform Increased of and To perform Increased of and To enhance	boost mance energy I focus boost mance energy I focus	No No No Yes	Neutral Neutral Positive	
	1 2 3 4	10300 10300 10300	02 03 04 05 	120032 120033 120034 120038	2 2-3 tin 3 4 2-3 ti 5	nes a month Rarely mes a week Daily	Throughor  Before exe  To stay a  work/  To stay a  work/  Before exe	luring study  ut the day  ercise  wake luring study  wake luring study   ercise	and To perform Increased of and To perform Increased of and To enhance	boost mance energy I focus boost mance energy I focus boost mance energy I focus energy I focus energy I focus	No No No Yes	Neutral Positive Neutral	
	1 2 3 4  9995	10300 10300 10300 11299	02 03 04 05  96	120032 120033 120034 120038  130026	2 2-3 tin 3 4 2-3 ti 5 6	nes a month Rarely mes a week Daily Daily	To stay a cowork/  Before executors and cowork/  To stay a cowork/  Before executors and cowork/	luring study  ut the day  ercise  wake luring study  wake luring study   ercise	Increased of and	boost mance energy I focus boost mance energy I focus energy ener	No No No Yes Yes No	Neutral Positive Neutral Neutral Positive	
	1 2 3 4 	10300 10300 10300 11299	02 03 04 05  96	120032 120033 120034 120038 	2 2-3 tin 3 4 2-3 ti 5 6	nes a month Rarely mes a week Daily Daily	To stay a cowork/  Before executors and cowork/  To stay a cowork/  Before executors and cowork/	luring study  ut the day  ercise  wake luring study  wake luring study   ercise	Increased of and	boost mance energy I focus boost mance energy I focus energy ener	No No Yes Yes	Neutral Positive Neutral Neutral	
	1 2 3 4  9995	10300 10300 10300 11299	02 03 04 05  96	120032 120033 120034 120038  130026	2 2-3 tin 3 4 2-3 ti 5 6 7	nes a month Rarely mes a week Daily Daily Daily Daily	To stay a cowork/  Before executors and cowork/  To stay a cowork/  Before executors and cowork/  Before executors and cowork/  Before executors and cowork/	luring study  ut the day  ercise  wake luring study  wake luring study   ercise  wake luring study  ercise  wake luring study  wake luring study  wake luring study	Increased of and	boost mance energy I focus  boost mance energy I focus  boost mance energy I focus  continue energy I focus  continue energy I focus	No No No Yes Yes No	Neutral Positive Neutral Neutral Positive	
	1 2 3 4  9995 9996	10300 10300 10300 11299 11299	02 03 04 05  96	12003; 12003; 12003; 12003;  13002; 13002;	2 2-3 tin 3 4 2-3 ti 5 6 7	nes a month Rarely mes a week Daily Daily	To stay a cowork/ Before executors and cowork/ Before executors and cowork/ Before executors and cowork/ Before executors and cowork/	luring study  ut the day  ercise  wake luring study  wake luring study   ercise  wake luring study  wake luring study  wake luring study  wake luring study  ercise  wake study	Increased of and	boost mance energy I focus  boost mance energy I focus  continuous energy I focus	No No No Yes Yes No Yes	Neutral Positive Neutral Neutral Positive Positive	
	1 2 3 4  9995 9996	10300 10300 10300 11299 11299	02 03 04 05  96 97 98	12003; 12003; 12003; 12003;  13002; 13002;	2 2-3 tin 3 4 2-3 ti 5 6 7 8 9 2-3 ti	nes a month Rarely mes a week Daily Daily Daily Daily	To stay a cowork/  Before executors and cowork/  To stay a cowork/  Before executors and cowork/  Before executors and cowork/  For m	luring study  ut the day  ercise  wake luring study  wake luring study   ercise  wake luring study  wake luring study  wake luring study  wake luring study  ercise  wake study	Increased of and	boost mance energy I focus  boost mance energy I focus  boost mance energy I focus  continue energy I focus  continue energy I focus	No No No Yes Yes No Yes	Neutral Positive Neutral Neutral Positive Positive	
	1 2 3 4 9995 9996 9997 9998	10300 10300 10300 11299 11299 11299	02 03 04 05  96 97 98 99	12003/ 12003/ 12003/ 12003/ 12003/ 13002/ 13002/ 13002/	2 2-3 tin 3 4 2-3 ti 5 6 7 8 9 2-3 ti	nes a month Rarely mes a week Daily Daily Daily Daily mes a week	To stay a cowork/  Before executors and cowork/  To stay a cowork/  Before executors and cowork/  Before executors and cowork/  For m	luring study  ut the day  ercise  wake luring study  wake luring study   ercise  wake luring study  wake luring study  wake luring study  ercise  wake luring study  ercise  wake luring study  ercise	Increased of and	boost mance energy I focus boost mance boost mance control focus control	No No No Yes No Yes No	Neutral Positive Neutral Neutral Positive Positive Positive	

# 1. Demographic Insights

### a. Who prefers energy drink more?

```
daily=df_survey.groupby('Consume_frequency').get_group('Daily') #This peoples are consuming drinks daily
dfl=pd.merge(daily,df_respondent,on='Respondent_ID',how='inner') #We merged to find out gender
gender_counts = dfl['Gender'].value_counts()
plt.title("Energy drinks preference")
c = ["g", "b", "r"] # Colors for the pie chart
plt.pie(gender_counts, labels=gender_counts.index, colors=c, autopct=lambda pct: f"{pct:.0f}% ({int(pct/100*genoutle,show())
#Observation:-According to data 'Male' consumes more energy drink which is 61% followed by Female (35%)
```

### Energy drinks preference

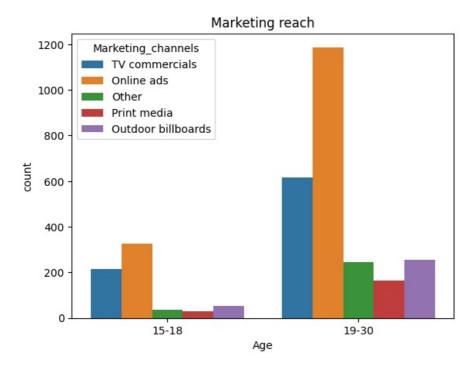


# b. Which age group prefers energy drinks more?

# Age groups who consumes energy drink more Gender Female Male Non-binary 100 19-30 31-45 46-65 Age 15-18 65+

### c. Which type of marketing reaches the most Youth (15-30)?

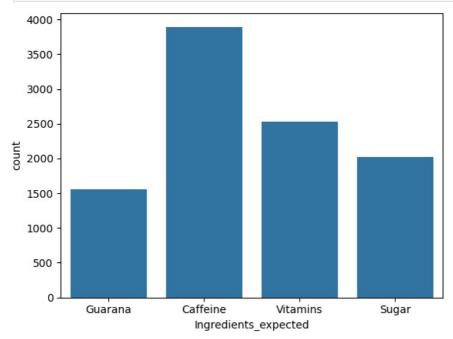
```
In [141...
    marketing=df_survey.groupby('Heard_before').get_group('Yes')
    agel=df_respondent[(df_respondent['Age']=='15-18') | (df_respondent['Age']=='19-30')]
    dfl=pd.merge(marketing,age1,how='inner')
    dfl
    sns.countplot(x='Age',hue='Marketing_channels',data=df1)
    plt.title('Marketing reach')
    plt.show()
    # Observation:-As data shows Marketing teams reach is high through online ads and Tv commercials comes after it
```



# 2. Consumer Preferences

a. What are the preferred ingredients of energy drinks among respondents?

```
In [32]: df=pd.merge(df_survey,df_respondent,on='Respondent_ID')
sns.countplot(x='Ingredients_expected',data=df)
plt.show()
# Observation:-Customers demands for caffeine as most preferred ingredient.
```



b. What packaging preferences do respondents have for energy drinks?

```
In [46]: count=df_survey['Packaging_preference'].value_counts()
    print(count)
    print('**'*20)
    percent=df_survey['Packaging_preference'].value_counts()/df_survey.shape[0]*100
    print(percent)
# Observation:- Approximately 40% of customer will prefer to have packaging as 'Compact and portable cans' and
```

```
Packaging preference
Compact and portable cans
                            3984
Innovative bottle design
                            3047
Collectible packaging
                            1501
Eco-friendly design
                             983
0ther
                             485
Name: count, dtype: int64
               '
:********************
****
Packaging preference
Compact and portable cans
                            39.84
Innovative bottle design
                            30.47
Collectible packaging
                            15.01
Eco-friendly design
                            9.83
0ther
                             4.85
Name: count, dtype: float64
```

# 3. Competition Analysis:

a. Who are the current market leaders?

```
In [63]: market leader=df survey['Current brands']
         a=market leader.value counts()
         b=market leader.value counts()/df survey.shape[0]*100
         print('Current market leaders:',a)
         print("**"*15)
         print('Current Market Leaders Share is:',b)
         # Observation: - Cola-coka has maximum share of market which is 25%, Bepsi has 21% of total market share our comp
        Current market leaders: Current brands
        Cola-Coka 2538
        Bepsi
                   2112
        Gangster
                    1854
        Blue Bull
                    1058
        CodeX
                    980
        Sky 9
                    979
        Others
                     479
        Name: count, dtype: int64
        Current Market Leaders Share is: Current brands
        Cola-Coka 25.38
        Bepsi
                    21.12
        Gangster
                   18.54
        Blue Bull 10.58
        CodeX
                     9.80
        Skv 9
                     9.79
        Others
                     4.79
        Name: count, dtype: float64
```

b. What are the primary reasons consumers prefer those brands over ours?

```
In [144... brand=df survey['Reasons for choosing brands']
         a=brand.value counts()
         b=brand.value_counts()/df_survey.shape[0]*100
         print('Current market leaders:',a)
         print("**"*15)
         print('Current Market Leaders Share is:',b)
         # Observation:- More than 25% person choose brand beracuse of brand reputation
        Current market leaders: Reasons_for_choosing_brands
        Brand reputation
                                   2652
        Taste/flavor preference
                                   2011
        Availability
                                   1910
        Effectiveness
                                   1748
        0ther
                                   1679
        Name: count, dtype: int64
        Current Market Leaders Share is: Reasons_for_choosing_brands
                                   26.52
        Brand reputation
        Taste/flavor preference
                                   20.11
        Availability
                                   19.10
        Effectiveness
                                   17.48
        0ther
                                   16.79
        Name: count, dtype: float64
```

# 4. Marketing Channels and Brand Awareness:

a. Which marketing channel can be used to reach more customers?

```
In [65]: channel=df_survey['Marketing_channels']
         a=channel.value counts()
         print('Most used marketing channel is:',a)
         # Observation:-Print media is list performing marketing tool as it has reached to only 8% of people.
        Most used marketing channel is: Marketing channels
                              4020
        Online ads
        TV commercials
                              2688
        Outdoor billboards
                              1226
        0ther
                              1225
        Print media
                               841
        Name: count, dtype: int64
```

# 5. Brand Penetration:

a. What do people think about our brand? (overall rating)

```
In []: brand=df_survey['Reasons_for_choosing_brands']
    a=brand.value_counts()
    b=brand.value_counts()/df_survey.shape[0]*100
    print('Current market leaders:',a)
    print("****15)
    print('Current Market Leaders Share is:',b)
# Observation:- More than 25% person choose brand beracuse of brand reputation
```

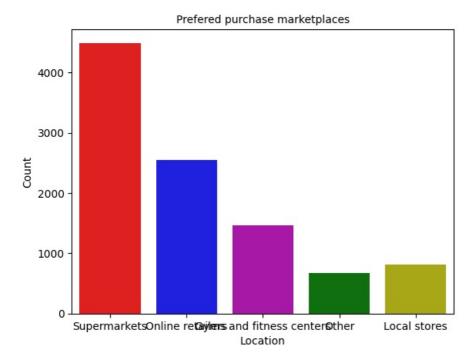
b. Which cities do we need to focus more on?

```
In [99]: df1=pd.merge(df city,df respondent)
         count=df1['City'].value_counts().sort_values(ascending=True)
         print('From below city we have very less penetration in bottom 3 city which are',count[0:3])
         print('**'*15)
        print(count)
         # Observation:- We need to penetrate ('Lucknow', 'Jaipur', 'Delhi') as we have list preserence in this city
        From below city we have very less penetration in bottom 3 city which are City
                  175
                  360
        Jaipur
        Delhi
                  429
        Name: count, dtype: int64
        ******
        Citv
        Lucknow
                     175
        Jaipur
                      360
        Delhi
                      429
        Ahmedabad
                     456
        Kolkata
                     566
        Pune
                      906
        Chennai
                     937
        Mumbai
                     1510
       Hyderabad
                     1833
        Bangalore
                     2828
        Name: count, dtype: int64
```

### 6. Purchase Behavior:

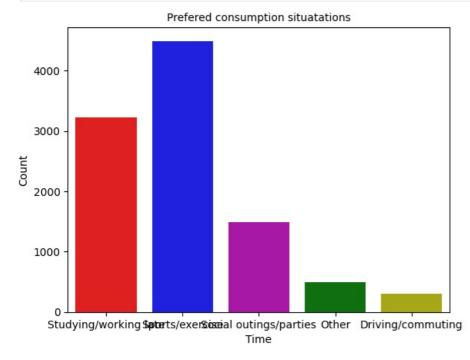
a. Where do respondents prefer to purchase energy drinks?

```
In [113... df=df_survey['Purchase_location']
    df.value_counts()
    sns.countplot(x=df)
    plt.xlabel("Location", fontsize = 10)
    plt.ylabel("Count", fontsize = 10)
    plt.title("Prefered purchase marketplaces", fontsize = 10)
    sns.countplot(x=df, palette=["r", "b", "m", "g","y"])
    plt.show()
# Observation:- Most of the sales done by supermarket
```



b. What are the typical consumption situations for energy drinks among respondents?

```
In [121... df=df_survey['Typical_consumption_situations']
    df.value_counts()
    sns.countplot(x=df)
    plt.xlabel("Time",fontsize = 10)
    plt.ylabel("Count",fontsize = 10)
    plt.title("Prefered consumption situatations",fontsize = 10)
    sns.countplot(x=df, palette=["r", "b", "m", "g","y"])
    plt.show()
    # Obervation:- Most customer prefer consume energy drinks before sports and excercise
```



c. What factors influence respondents' purchase decisions, such as price range and limited edition packaging?

```
In [137... df=df_survey['Price_range']
    a=df.value_counts()
    b=df.value_counts()/df_survey.shape[0]*100
    print(b)
    print('*'*25)
    df1=df_survey['Limited_edition_packaging']
    c=df1.value_counts()
    d=df1.value_counts()/df_survey.shape[0]*100
    print(d)
    # Observation:-i) Data shows nearly 75% of people thinks price point between 50 to 150.Nearly 11% wants our bra
# ii) It is very hard to say that 'Limited edition packing' has any influence on sale because approx 40% said
```

Price\_range 50-99 42.88 100-150 31.42 Above 150 15.61 Below 50 10.09 Name: count, dtype: float64

Limited\_edition\_packaging No 40.23 Yes 39.46

Not Sure 20.31 Name: count, dtype: float64

# **Product Development**

Which area of business should we focus more on our product development?

Branding- Most of the customer- Based on survey, when we did competition analysis, we got to know that most of the people prefer other brands (Cola-Coka) over ours because of brand reputation.

Availability- Company need to focus on Tier-2 citys also there is large no of chunk who has not yet heard about our Product.

# Observations

- 1) According to data 'Male' consumes more energy drink which is 61% followed by Female (35%).
- 2) Age group of 19-30 consumes more drinks additionally Males from every group have tendecny to consume more energy drinks.
- 3) As data shows Marketing teams reach is high through online ads and Tv commercials comes after it.
- 4) Customers demands for caffeine as most preferred ingredient.
- 5) Approximately 40% of customer will prefer to have packaging as 'Compact and portable cans' and 30% customer will prefer 'Innovative bottle design.
- 6) Cola-coka has maximum share of market which is 25%, Bepsi has 21% of total market share our company holds 5th position with share of 9%
- 7) Print media is list performing marketing tool as it has reached to only 8% of people.
- 8) Company need to penetrate ('Lucknow', 'Jaipur', 'Delhi') as we have list preserence in this city.
- 9) Most of the sales done by supermarket
- 10) i) Data shows nearly 75% of people thinks price point between 50 to 150.Nearly 11% wants our brand to be premium category (Above150) ii) It is very hard to say that 'Limited edition packing' has any influence on sale because approx 40% said Yes and no and 20% of people not sure so it is impossible to conclude without having additional information