Aerofit Business Project

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```
In [1]: import pandas as pd
        import numpy as np
        import seaborn as sns
        import matplotlib.pyplot as plt
        import warnings
        warnings.filterwarnings('ignore')
```

In [8]: | df=pd.read_csv(r"C:\Users\Administrator\Desktop\aerofit_treadmill.csv")

Out[8]:

	Product	Age	Gender	Education	MaritalStatus	Usage	Fitness	Income	Miles
0	KP281	18	Male	14	Single	3	4	29562	112
1	KP281	19	Male	15	Single	2	3	31836	75
2	KP281	19	Female	14	Partnered	4	3	30699	66
3	KP281	19	Male	12	Single	3	3	32973	85
4	KP281	20	Male	13	Partnered	4	2	35247	47
				***	***				
175	KP781	40	Male	21	Single	6	5	83416	200
176	KP781	42	Male	18	Single	5	4	89641	200
177	KP781	45	Male	16	Single	5	5	90886	160
178	KP781	47	Male	18	Partnered	4	5	104581	120
179	KP781	48	Male	18	Partnered	4	5	95508	180

180 rows × 9 columns

1) Analysing Basic metrics

dtypes: int64(6), object(3) memory usage: 12.8+ KB

180 non-null int64

int64 int64

```
In [9]: df.shape
           # There are 180 rows and 9 columns
Out[9]: (180, 9)
In [10]: df.info()
          # There are no null values in the table
           <class 'pandas.core.frame.DataFrame'>
          RangeIndex: 180 entries, 0 to 179
          Data columns (total 9 columns):
           # Column Non-Null Count Dtype
           0 Product 180 non-null object
1 Age 180 non-null int64
2 Gender 180 non-null object
3 Education 180 non-null int64
                                                    object
                                                    object
           4 MaritalStatus 180 non-null object
               Usage 180 non-null int64
              Fitness 180 non-null
Income 180 non-null
180 non-null
```

```
In [13]: # Converting data types for different columns
         df["Product"] = df["Product"].astype('category')
df["Gender"] = df["Gender"].astype('category')
         df["MaritalStatus"]= df["MaritalStatus"].astype('category')
In [14]: df.info()
          <class 'pandas.core.frame.DataFrame'>
          RangeIndex: 180 entries, 0 to 179
          Data columns (total 9 columns):
                           Non-Null Count Dtype
          # Column
                              -----
          0
              Product
                             180 non-null
                                                category
                             180 non-null
           1
                                                int64
               Age
              Gender 180 non-null Education 180 non-null
                                                category
           3
                                                int64
           4
              MaritalStatus 180 non-null
                                                category
                        180 non-null
           5
              Usage
                                                int64
           6
               Fitness
                              180 non-null
                                                int64
               Income
                               180 non-null
                                                int64
           8
              Miles
                               180 non-null
                                                int64
          dtypes: category(3), int64(6)
          memory usage: 9.5 KB
In [15]: df.describe()
Out[15]:
                      Age
                            Education
                                          Usage
                                                   Fitness
                                                                 Income
                                                                             Miles
          count 180.000000
                           180.000000
                                      180.000000
                                                180.000000
                                                              180.000000
                                                                       180.000000
                  28.788889
                                                   3.311111
           mean
                            15.572222
                                        3.455556
                                                            53719.577778
                                                                       103.194444
                   6.943498
                             1.617055
                                        1.084797
                                                  0.958869
                                                            16506.684226
                                                                         51.863605
                  18.000000
                            12.000000
                                        2.000000
                                                  1.000000
                                                            29562.000000
                                                                         21.000000
```

25% 24.000000 14.000000 3.000000 3.000000 44058.750000 66.000000 26.000000 16.000000 3.000000 3.000000 50% 50596.500000 94.000000 33.000000 16.000000 4.000000 4.000000 75% 58668.000000 114.750000 50.000000 21.000000 7.000000 5.000000 104581.000000 360.000000 max

2) Non- Graphical Analysis: Value counts and unique attributes

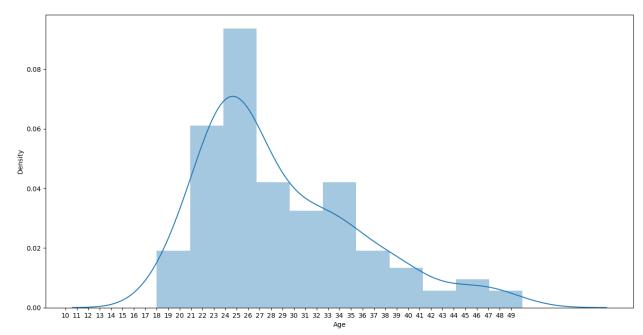
```
In [16]: |df["Product"].value_counts()
         # There are 3 products.
         # Maximum number of sales are KP281
         # Minimum number of sales are of KP781
Out[16]: KP281
                   80
         KP481
                   60
         KP781
                   40
         Name: Product, dtype: int64
In [17]: df["Gender"].value_counts()
         # There are more Men than Women
Out[17]: Male
                    104
         Female
                    76
         Name: Gender, dtype: int64
In [20]: df["MaritalStatus"].value_counts()
         # There are more Couples than Single users.
Out[20]: Partnered
                       107
                        73
         Single
         Name: MaritalStatus, dtype: int64
```

```
In [22]: df["Fitness"].value_counts()
         # There are maximum 3 self rating and Least being 1
Out[22]: 3
              97
              31
         2
              26
              24
         Name: Fitness, dtype: int64
In [23]: df["Usage"].value_counts()
Out[23]: 3
              69
              52
              17
         6
         Name: Usage, dtype: int64
In [24]: df["Usage"].nunique()
Out[24]: 6
In [25]: df["Education"].nunique()
Out[25]: 8
```

3) Visual Analysis: Univariate / Bivariate Plots

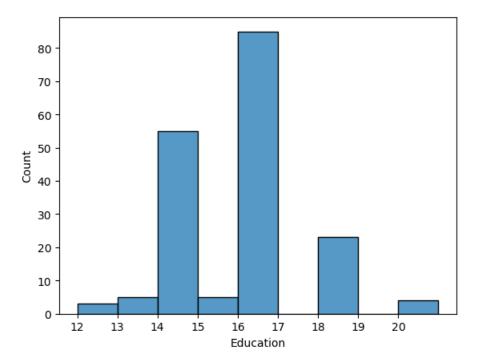
```
In [27]: plt.figure(figsize=(16,8))
   plt.xticks(list(range(10,50)))
   sns.distplot(df["Age"])
   # Most users are in the age group of 22 - 26
```

Out[27]: <Axes: xlabel='Age', ylabel='Density'>



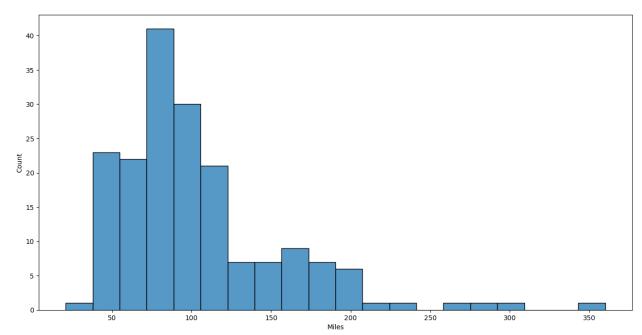
```
In [30]: plt.xticks(list(range(min(df["Education"]), max(df["Education"]))))
    sns.histplot(df,x=df["Education"],bins=9)
# Most users are educated for 14 to 16 years
```

Out[30]: <Axes: xlabel='Education', ylabel='Count'>



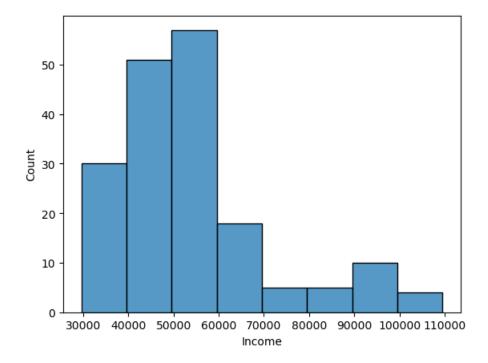
```
In [44]: plt.figure(figsize=(16,8))
    #plt.xticks(np.linspcae(20,360,18))
    sns.histplot(df["Miles"])
    # Majority of the people want to run 50- 100 miles. However there are outliers.
```

Out[44]: <Axes: xlabel='Miles', ylabel='Count'>



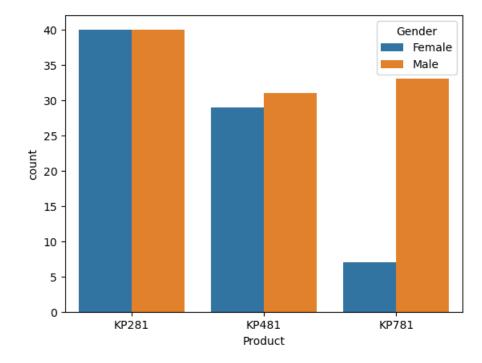
```
In [34]: sns.histplot(df["Income"],binwidth=10000)
# plt.xticks(np.linspace(25000,105000,9))
```

Out[34]: <Axes: xlabel='Income', ylabel='Count'>



In [36]: sns.countplot(df,x="Product", hue="Gender")
KP781 is most purcahsed by Men.

Out[36]: <Axes: xlabel='Product', ylabel='count'>



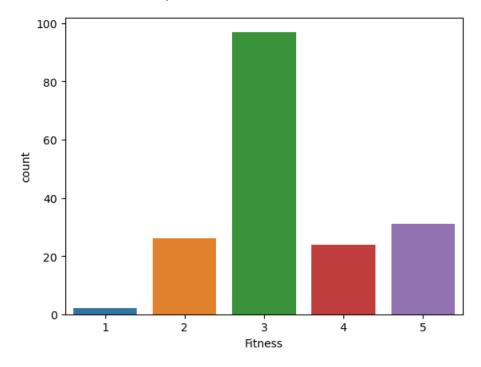
In [39]: df["Product"].value_counts()*100/np.sum(df["Product"].value_counts())

Out[39]: KP281 44.44444 KP481 33.333333 KP781 22.222222

Name: Product, dtype: float64

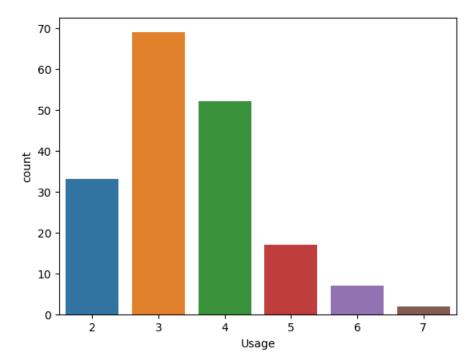
In [41]: sns.countplot(df,x="Fitness")
Most people categorize themselves as average in fitness with a fitness rationg of 3.

Out[41]: <Axes: xlabel='Fitness', ylabel='count'>



In [42]: sns.countplot(df,x="Usage")

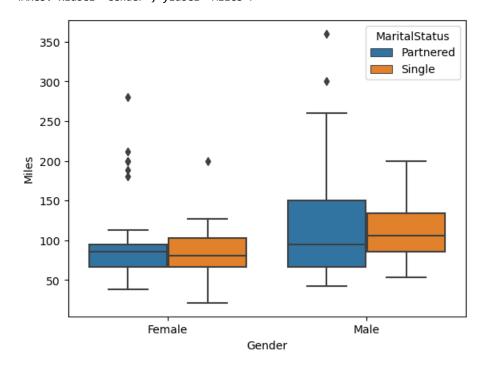
Out[42]: <Axes: xlabel='Usage', ylabel='count'>



In [47]: sns.boxplot(df,x="Gender",y="Miles", hue= "MaritalStatus")

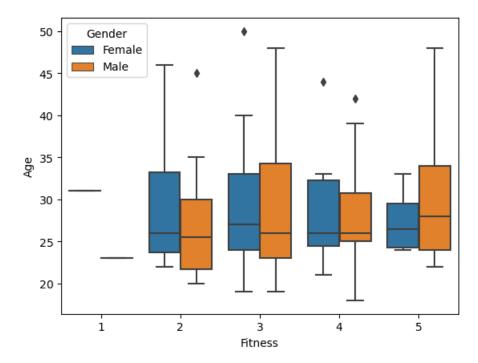
Men expect themselves to run more than women. Single men want tot run more than partnered men,
Whereas partnered men and women have more outliers.

Out[47]: <Axes: xlabel='Gender', ylabel='Miles'>

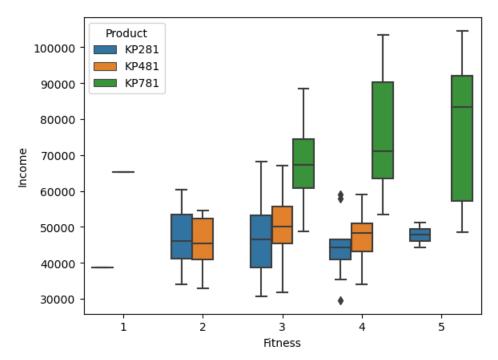


In [49]: sns.boxplot(df,x="Fitness",y="Age",hue="Gender")
Females are observed to be older when the fitness range is between 1-4.

Out[49]: <Axes: xlabel='Fitness', ylabel='Age'>

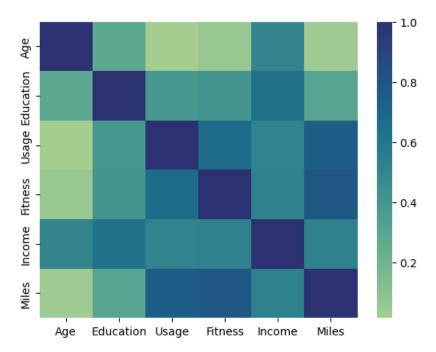


Out[50]: <Axes: xlabel='Fitness', ylabel='Income'>



```
In [52]: sns.heatmap(df.loc[:,["Age","Education","Usage","Fitness","Income","Miles"]].corr(),cmap="crest")
#1. Usage and miles have very high correlation
#2. Usage and fitnes have very high correlation
#3. Fitness and miles have high correlation
#4. Age and Education have mild correlation between Income
#5. Education has mild correlation between Miles, Usage, Fitness
#6. Age has no correlation with fitness, usage.
```

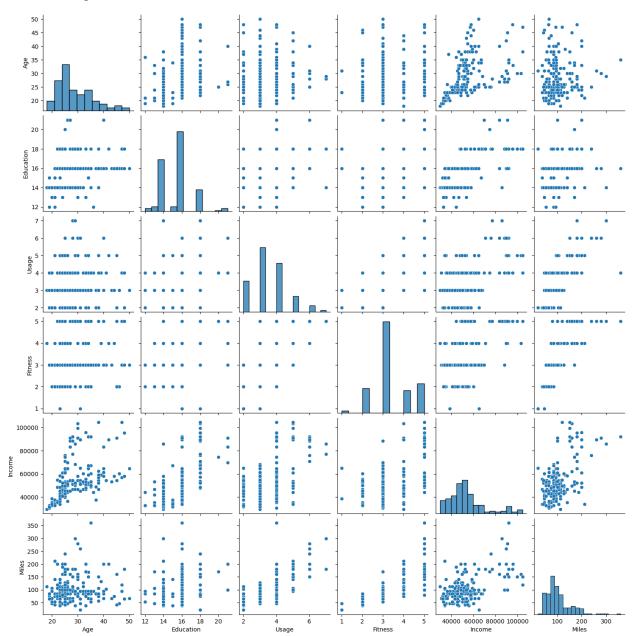
Out[52]: <Axes: >



In [53]: sns.pairplot(df)

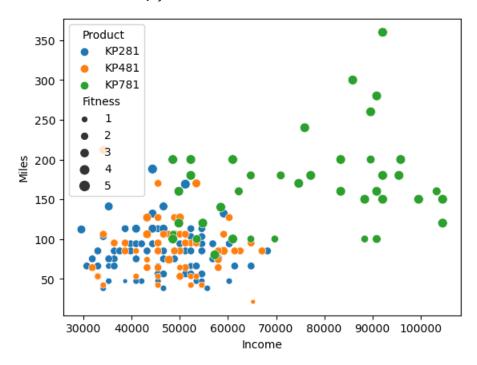
- #1. Usage and miles have very high correlation
- #2. Usage and fitnes have very high correlation
- #3. Fitness and miles have high correlation
- #4. Age and Education have mild correlation between Income
- #5. Education has mild correlation between Miles, Usage, Fitness
- #6. Age has no correlation with fitness, usage.

Out[53]: <seaborn.axisgrid.PairGrid at 0x29def06d930>



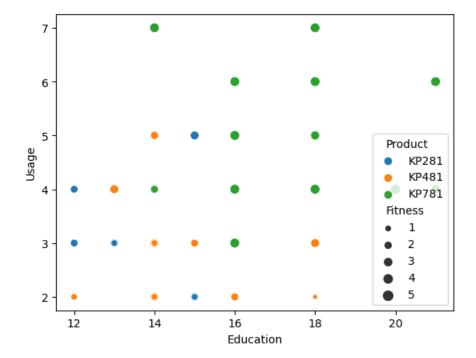
```
In [55]: sns.scatterplot(df,x="Income",y="Miles",hue="Product",size="Fitness")
# People with high income are the ones to buy KP781
```

Out[55]: <Axes: xlabel='Income', ylabel='Miles'>



In [56]: sns.scatterplot(df,x="Education",y= "Usage",hue="Product", size ="Fitness")
#People with less usage tend to buy KP481
#People with more fitness and more usage tend to buy KP781

Out[56]: <Axes: xlabel='Education', ylabel='Usage'>



4) Missing values and Outlier Detection

In [57]: df.describe()

Out[57]:

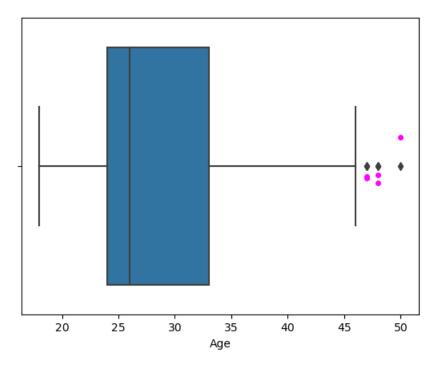
```
Education
                                              Fitness
                                                                           Miles
                                   Usage
                                                             Income
             Age
                                                         180.000000 180.000000
count 180.000000 180.000000
                              180.000000
                                          180.000000
       28.788889
                   15.572222
                                 3.455556
                                             3.311111
                                                       53719.577778
                                                                     103.194444
mean
                    1.617055
  std
        6.943498
                                 1.084797
                                            0.958869
                                                       16506.684226
                                                                      51.863605
                    12.000000
                                 2.000000
 min
        18.000000
                                             1.000000
                                                       29562.000000
                                                                      21.000000
                                                       44058.750000
       24.000000
                    14.000000
                                 3.000000
                                            3.000000
                                                                      66.000000
 25%
       26.000000
 50%
                    16.000000
                                 3.000000
                                             3.000000
                                                       50596.500000
                                                                      94.000000
       33.000000
                    16.000000
                                 4.000000
                                                       58668.000000
 75%
                                             4.000000
                                                                     114.750000
       50.000000
                   21.000000
                                 7.000000
                                            5.000000 104581.000000 360.000000
 max
```

```
In [62]: def outliers(arr):
    q1=np.percentile(arr,25)
    q2=np.percentile(arr,75)
    iqr=1.5*(q2-q1)
    low =max(q1-iqr,0)
    high = q2+ iqr
    outliers= arr[(arr>high)|(arr<low)]
    return outliers</pre>
```

```
In [65]: #Outliers in "Age" column
sns.boxplot(x=df["Age"])
sns.stripplot(x=outliers(df["Age"]),color="Magenta")
outliers(df["Age"])
```

Out[65]: 78 47 79 50 139 48 178 47 179 48

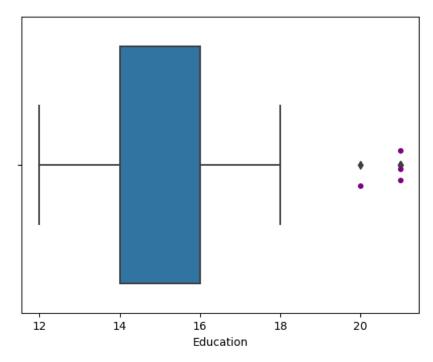
Name: Age, dtype: int64



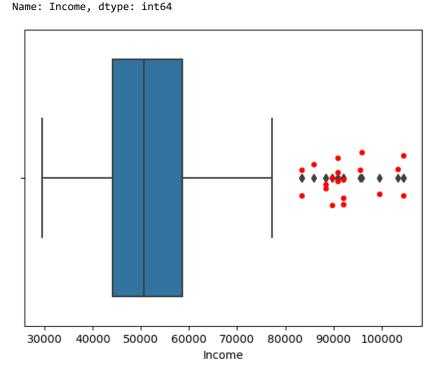
```
In [67]: #Outliers in "Education" column
sns.boxplot(x = df["Education"])
sns.stripplot(x = outliers(df["Education"]), color = "Purple")
outliers(df["Education"])
Out[67]: 156 20
```

Out[67]: 156 20 157 21 161 21 175 21

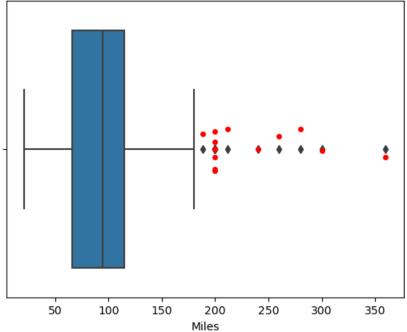
Name: Education, dtype: int64



```
In [68]: #Outliers in "Income" column
          sns.boxplot(x = df["Income"])
sns.stripplot(x = outliers(df["Income"]), color = "red")
          outliers(df["Income"])
Out[68]: 159
                   83416
          160
                   88396
                   90886
          161
          162
                   92131
          164
                   88396
          166
                   85906
          167
                   90886
          168
                  103336
          169
                   99601
          170
                   89641
          171
                   95866
                   92131
          172
          173
                   92131
          174
                  104581
          175
                   83416
          176
                   89641
          177
                   90886
          178
                  104581
          179
                   95508
```



```
In [69]: #Outliers in "Miles" column
sns.boxplot(x = df["Miles"])
          sns.stripplot(x = outliers(df["Miles"]), color = "red")
          outliers(df["Miles"])
Out[69]: 23
                  188
          84
                   212
          142
                   200
                   200
          148
          152
                   200
          155
                   240
                  300
          166
          167
                  280
          170
                  260
          171
                  200
          173
                   360
          175
                  200
          176
                  200
          Name: Miles, dtype: int64
```



```
In [70]: # Categorzing numeric data of age
def func1(age):
    if age>np.median(df["Age"]):
        return"old"
    else:
        return"young"
df["age"]=df["Age"].apply(func1)
```

```
In [71]: #Categorzing numeric data of Education
def func2(education):
    if education > np.median(df["Education"]):
        return "high edu"
    else:
        return "low edu"

df["education"] = df["Education"].apply(func2)
```

```
In [72]: #Categorzing numeric data of usage
         def func3(usage):
             if usage > np.median(df["Usage"]):
                 return "regular"
             else:
                 return "casual"
         df["usage"] = df["Usage"].apply(func3)
In [73]: #Categorzing numeric data of Income
         def func5(income):
             if income > np.median(df["Income"]):
    return "wealthy"
             else:
                 return "middle class"
         df["income"] = df["Income"].apply(func5)
In [74]: #Categorzing numeric data of Miles
         def func6(miles):
             if miles > np.median(df["Miles"]):
                 return "high"
             else:
                 return "low"
         df["miles"] = df["Miles"].apply(func6)
In [77]: # Making all the newly added columns into categorical data
         df["age"] = df["age"].astype("category")
         df["education"] = df["education"].astype("category")
         df["usage"] = df["usage"].astype("category")
         df["Fitness"] = df["Fitness"].astype("category")
         df["income"] = df["income"].astype("category")
         df["miles"] = df["miles"].astype("category")
         df.info()
         <class 'pandas.core.frame.DataFrame'>
         RangeIndex: 180 entries, 0 to 179
         Data columns (total 14 columns):
            Column
                         Non-Null Count Dtype
         ___
                            -----
          0
             Product
                          180 non-null
                                             category
                           180 non-null
          1
             Age
                                             int64
             Gender 180 non-null
Education 180 non-null
MaritalStatus 180 non-null
          2
                                            category
          3
                                             int64
                                             category
                        180 non-null
180 non-null
              Usage
                                             int64
          6
             Fitness
                                             category
                          180 non-null
             Income
                                             int64
                           180 non-null
             Miles
                                             int64
                           180 non-null
              age
                                            category
          10 education 180 non-null
                                             category
                           180 non-null
          11 usage
                                             category
          12 income
                            180 non-null
                                             category
          13 miles
                            180 non-null
                                             category
         dtypes: category(9), int64(5)
         memory usage: 9.9 KB
```

```
In [78]: df
Out[78]:
                             Gender Education
                                                MaritalStatus Usage Fitness Income
                                                                                     Miles
                Product Age
                                                                                              age
                                                                                                   education
                                                                                                             usage
                                                                                                                     income
                                                                                                                             miles
                                                                                                                      middle
             0
                  KP281
                           18
                                 Male
                                             14
                                                       Single
                                                                   3
                                                                               29562
                                                                                       112 young
                                                                                                              casual
                                                                                                                              high
                                                                                                     low edu
                                                                                                                       class
                                                                                                                      middle
                  KP281
                           19
                                             15
                                                                   2
                                                                           3
                                                                               31836
             1
                                 Male
                                                       Single
                                                                                        75 young
                                                                                                     low edu
                                                                                                              casual
                                                                                                                               low
                                                                                                                       class
                                                                                                                      middle
             2
                  KP281
                           19
                              Female
                                             14
                                                    Partnered
                                                                           3
                                                                               30699
                                                                                        66 young
                                                                                                     low edu regular
                                                                                                                               low
                                                                                                                       class
                                                                                                                      middle
                  KP281
                           19
                                             12
                                                                               32973
             3
                                                       Single
                                                                   3
                                                                           3
                                 Male
                                                                                        85 young
                                                                                                     low edu
                                                                                                              casual
                                                                                                                               low
                                                                                                                       class
                                                                                                                      middle
                  KP281
                          20
                                 Male
                                             13
                                                    Partnered
                                                                           2
                                                                               35247
                                                                                        47
                                                                                            young
                                                                                                     low edu regular
                                                                                                                               low
                                                                                                                       class
                           ...
                  KP781
                          40
                                             21
                                                                               83416
            175
                                 Male
                                                       Single
                                                                   6
                                                                           5
                                                                                       200
                                                                                               old
                                                                                                     high edu
                                                                                                            regular
                                                                                                                     wealthy
                                                                                                                              high
            176
                  KP781
                          42
                                 Male
                                             18
                                                       Single
                                                                   5
                                                                           4
                                                                               89641
                                                                                       200
                                                                                               old
                                                                                                            regular
                                                                                                                     wealthy
                                                                                                     high edu
                                                                                                                              high
            177
                  KP781
                          45
                                 Male
                                             16
                                                       Single
                                                                   5
                                                                           5
                                                                               90886
                                                                                       160
                                                                                               old
                                                                                                     low edu
                                                                                                            regular
                                                                                                                     wealthy
                                                                                                                              high
            178
                  KP781
                          47
                                 Male
                                             18
                                                    Partnered
                                                                           5
                                                                              104581
                                                                                       120
                                                                                               old
                                                                                                     high edu regular
                                                                                                                     wealthy
                                                                                                                              high
           179
                  KP781
                          48
                                 Male
                                             18
                                                    Partnered
                                                                               95508
                                                                                       180
                                                                                               old
                                                                                                     high edu regular
                                                                                                                     wealthy
                                                                                                                              high
           180 rows × 14 columns
           Customer Profiling
          pd.crosstab([df["Gender"],df["MaritalStatus"]],df["Product"], normalize = "index")
           # A partnered Female tend to prefer KP281
           # Single females prefer KP481
Out[79]:
                        Product
                                   KP281
                                            KP481
                                                      KP781
           Gender MaritalStatus
                       Partnered 0.586957
                                          0.326087
            Female
                                Partnered 0.344262 0.344262 0.311475
              Male
                          Single 0.441860 0.232558 0.325581
          pd.crosstab([df["education"],df["Gender"],df["MaritalStatus"]],df["Product"], normalize = "index")
           # Highly educated males and females tend to prefer KP781
          # Less educated partnered female prefer KP281
          # Less educated single males prefer KP281
Out[80]:
                                             KP281
                                                       KP481
                                                                KP781
                                  Product
           education Gender MaritalStatus
                                 Partnered 0.000000 0.000000
                                                             1 000000
                      Female
                                    Single 0.200000 0.400000
                                                             0.400000
            high edu
                                 Partnered 0.076923 0.000000
                                                             0.923077
                        Male
                                    Single 0.000000 0.000000
                                                             1.000000
                                 Partnered 0.627907 0.348837
                                                              0.023256
                      Female
```

Single 0.480000 0.480000

Partnered 0.416667 0.437500 0.145833

Single 0.513514 0.270270 0.216216

low edu

Male

0.040000

In [81]: pd.crosstab([df["education"],df["income"],df["MaritalStatus"]],df["Product"], normalize = "index")
Highly educated and wealthy and partnered individuals prefer KP781
Low education and middle class people prefer KP281

KP481

KP781

Out[81]:

education	income	MaritalStatus			
	middle class	Single	0.000000	0.500000	0.500000
high edu	wealthy	Partnered	0.062500	0.000000	0.937500
		Single	0.111111	0.111111	0.777778
	middle class	Partnered	0.608696	0.369565	0.021739
low edu	middle class	Single	0.523810	0.404762	0.071429
iow edu	wealthy	Partnered	0.422222	0.422222	0.155556
		Single	0.450000	0.250000	0.300000

Product KP281

In [82]: pd.crosstab([df["income"],df["Gender"],df["miles"]],df["Product"], normalize = "index")
Middle class females who want to run more prefer KP481
Middle class males and females who want to run less prefer KP281
Wealthy individuals(both males and females) who want to run more prefer KP781
Similarly middle class individuals(both males and females) who want to run less prefer KP281

Out[82]:

		Product	KP281	KP481	KP781
income	Gender	miles			
	Female	high	0.384615	0.615385	0.000000
middle class		low	0.666667	0.333333	0.000000
illidule class	Male	high	0.350000	0.400000	0.250000
		low	0.666667	0.333333	0.000000
	Female	high	0.090909	0.272727	0.636364
wealthy		low	0.631579	0.368421	0.000000
weattry	Male	high	0.121951	0.219512	0.658537
		low	0.631579	0.315789	0.052632

```
In [84]: pd.crosstab([df["usage"],df["Fitness"],df["Gender"]],df["Product"], normalize = "index")
# Fit males who want to use less prefer KP481
# Fit females who want to use less prefer KP281
# Casual female users who are not fit prefer KP281
# Overall casual users whether fit or not prefer to use KP281 or KP481
# Fit individuals(males/females) who want to use regularly prefer KP781
# Regular users(males/females) who are not fit prefer KP281 and KP481
```

KP781

Out[84]:

usage	Fitness	Gender			
	,	Female	0.000000	1.000000	0.000000
	1	Male	1.000000	0.000000	0.000000
	_	Female	0.625000	0.375000	0.000000
	2	Male	0.375000	0.625000	0.000000
casual	3	Female	0.612903	0.387097	0.000000
	3	Male	0.529412	0.470588	0.000000
		Female	0.600000	0.400000	0.000000
	4	Male	0.400000	0.600000	0.000000
	5	Male	0.000000	0.000000	1.000000
	2	Male	0.500000	0.500000	0.000000
	3	Female	0.500000	0.428571	0.071429
		Male	0.555556	0.277778	0.166667
regular	4	Female	0.000000	0.666667	0.333333
		Male	0.363636	0.090909	0.545455
	5	Female	0.166667	0.000000	0.833333
		Male	0.041667	0.000000	0.958333

Product KP281

KP481

```
pd.crosstab([df["income"],df["Fitness"],df["Gender"]],df["Product"], normalize = "index")
          # Middle income fit females prefer KP481
          # Middle income unfit individuals prefer KP281
          # Wealthy fit individuals prefer KP781
          # Wealthy individuals who are not fit prefer either KP281 or KP481
Out[86]:
                               Product
                                          KP281
                                                  KP481
                                                            KP781
               income Fitness
                               Gender
                                       1.000000 0.000000 0.000000
                                       0.545455  0.454545  0.000000
                                Female
                                       0.400000 0.600000 0.000000
                                Female
                                       0.642857 \quad 0.357143 \quad 0.000000
                            3
           middle class
                                  Male
                                       0.555556 0.407407 0.037037
                                Female
                                       0.333333 0.666667 0.000000
                                  Male
                                       0.714286 0.285714 0.000000
                                       1.000000 0.000000 0.000000
                                Female
                                  Male
                                       0.000000 0.000000
                                                         1.000000
                                Female
                                       0.000000
                                                1.000000 0.000000
                                Female
                                       0.800000 0.200000 0.000000
                                        0.400000 0.600000 0.000000
                                       0.470588 0.470588
                                                         0.058824
                                Female
               wealthy
                                  Male
                                       0.520000 0.400000 0.080000
                                Female
                                       0.500000 \quad 0.000000 \quad 0.500000
                                  Male
                                        0.111111 0.222222 0.666667
                                       0.000000 0.000000 1.000000
                                Female
                            5
                                  Male
                                      0.047619 0.000000 0.952381
In [88]: |pd.crosstab([df["income"],df["Fitness"],df["Gender"]],df["Product"], normalize = "columns")
          # Here we see, out of the groups of people who purchased KP281, most of them come from middle class inc
          # Among the people who purchased KP481, we see that most of them come from middle class, 'not fit' cate
          # Among the people who purchased KP781, majority is from Wealthy and fit men.
Out[88]:
                               Product KP281
                                                KP481 KP781
               income Fitness
                                Gender
                                  Male 0.0125 0.000000
                                                        0.000
                                Female 0.0750 0.083333
                                                        0.000
                                       0.0250 0.050000
                                                         0.000
                                       0.2250 0.166667
                                                         0.000
                                Female
           middle class
                                  Male
                                       0.1875 0.183333
                                                        0.025
                                Female 0.0250 0.066667
                                                        0.000
                                       0.0625 0.033333
                                                        0.000
                                  Male
                                Female 0.0125 0.000000
                                                        0.000
                                              0.000000
                                                        0.100
                                       0.0000
                                  Male
                                Female 0.0000 0.016667
                                                        0.000
```

Recommendations

Female 0.0500 0.016667

0.000

- 1. We should try to sell the product KP481 to middle class females who want to run more.
- 2. We should market the product KP281 to Middle class males and females who want to run less.
- 3. We should recommend KP281 to partnered female and KP481 to single females.
- 4. We should market the product KP281 to wealthy individuals(both males and females) who want to run more.
- 5. For fit males who want to use less we should recommend KP481, whereas for fit females who want to use less we should recommend KP281.
- 6. Overall casual users whether fit or not should be recommended KP281 or KP481.
- 7. Fit individuals(males/females) who want to use regularly should be recommended KP781.
- 8. Regular users(males/females) who are not fit should be recommended KP281 and KP481.
- 9. Middle income unfit individuals should be recommended KP281.
- 10. KP781 is best suited for Wealthy and fit individuals.
- 11. Wealthy individuals who are not fit should be recommended KP481.
- 12. Middle income fit females should be recommended KP481.