Name: Muley, Tushar

Assignment: Week 3 Assignment 3.2

Date: June 27, 2021

Description: I would like you to determine what night would be the best to run a marketing promotion to increase attendance. It is up to you if you decide to recommend a specific date or if you recommend a day of the week (e.g., Tuesdays) or month and day of the week (e.g., July Tuesdays).

```
In [1]:
        #Load common libraries
        import pandas as pd
        import numpy as np
        import matplotlib.pyplot as plt
In [2]:
        #Read the file and move to dataframe
        file = "dodger.csv"
        df_dodger = pd.read_csv(file)
In [3]: print("The dimension of the table is: ", df dodger.shape)
        The dimension of the table is:
                                         (81, 12)
In [4]: print(df_dodger.head(5))
                       attend day of week opponent
          month
                  day
                                                             skies day night cap
                                                     temp
        shirt
        0
            APR
                   10
                        56000
                                  Tuesday
                                                           Clear
                                           Pirates
                                                        67
                                                                         Day
                                                                              NO
        NO
        1
            APR
                   11
                        29729
                                Wednesday
                                            Pirates
                                                        58
                                                           Cloudy
                                                                       Night
                                                                              NO
        NO
        2
            APR
                   12
                        28328
                                 Thursday Pirates
                                                        57
                                                           Cloudy
                                                                       Night
                                                                              NO
        NO
        3
                   13
                        31601
                                   Friday
                                                           Cloudy
            APR
                                             Padres
                                                        54
                                                                       Night
                                                                             NO
        NO
        4
            APR
                   14
                        46549
                                 Saturday
                                             Padres
                                                        57
                                                           Cloudy
                                                                       Night
                                                                              NO
        NO
          fireworks bobblehead
        0
                 NO
                             NO
        1
                 NO
                             NO
        2
                  NO
                             NO
        3
                 YES
                             NO
        4
                 NO
                             NO
```

```
In [5]: print("Describe Data")
         print(df dodger.describe())
         Describe Data
                      day
                                 attend
                                             temp
         count 81.000000
                              81.000000 81.000000
               16.135802 41040.074074 73.148148
         mean
         std
                9.605666
                           8297.539460
                                        8.317318
                1.000000 24312.000000 54.000000
         min
         25%
                8.000000 34493.000000 67.000000
         50%
                15.000000 40284.000000 73.000000
         75%
                25.000000 46588.000000 79.000000
                31.000000 56000.000000 95.000000
         max
In [6]: print("Summarized Data")
         print(df dodger.describe(include=['0']))
         Summarized Data
                month day of week opponent skies day night cap shirt firewor
         ks \
                               81
                                        81
                                                81
                                                             81
         count
                   81
                                                          81
                                                                    81
         81
                   7
                                7
                                        17
                                                 2
                                                                     2
         unique
         2
                  MAY
                         Saturday
                                    Snakes Clear
                                                       Night
         top
         NO
                               13
                                         9
                                                62
                                                          66
                                                             79
                                                                    78
         freq
                   18
         67
                bobblehead
         count
                        81
         unique
                         2
         top
                        NO
         freq
                        70
In [11]: df dodger.columns
Out[11]: Index(['month', 'day', 'attend', 'day of week', 'opponent', 'temp', '
         skies',
                'day night', 'cap', 'shirt', 'fireworks', 'bobblehead'],
               dtype='object')
```

```
In [16]:
          # set up the figure size
          plt.rcParams['figure.figsize'] = (20, 10)
           # make subplots
          fig, axes = plt.subplots(nrows = 2, ncols = 2)
           # Specify the features of interest
          num_features = ['attend', 'day_of_week', 'day','day_night']
          xaxes = num_features
          yaxes = ['Counts', 'Counts', 'Counts']
           # draw histograms
          axes = axes.ravel()
          for idx, ax in enumerate(axes):
               ax.hist(df_dodger[num_features[idx]].dropna(), bins=10)
               ax.set xlabel(xaxes[idx], fontsize=20)
               ax.set ylabel(yaxes[idx], fontsize=20)
               ax.tick params(axis='both', labelsize=15)
             12
                                                       12
              10
                                                       10
            Counts
                                                       8
                                                     Counts
              6
                                                       6
              2
              0
                     30000
                          35000
                               40000
                                    45000
                                         50000
                                              55000
                                                        Tuesday Wednesday Thursday
                                                                        Friday
                25000
                                                                             Saturday Sunday
                                                                                       Monday
                               attend
                                                                      day_of_week
             15.0
                                                       60
             12.5
                                                       50
           Connts 7.5
                                                     5.0
                                                       20
             2.5
                                                       10
             0.0
                                                       0
```

Do the following:Box plots,Scatter plots & Regression Model

10

15 day 20

25

```
In [3]: #Import seaborn
import seaborn as sns
```

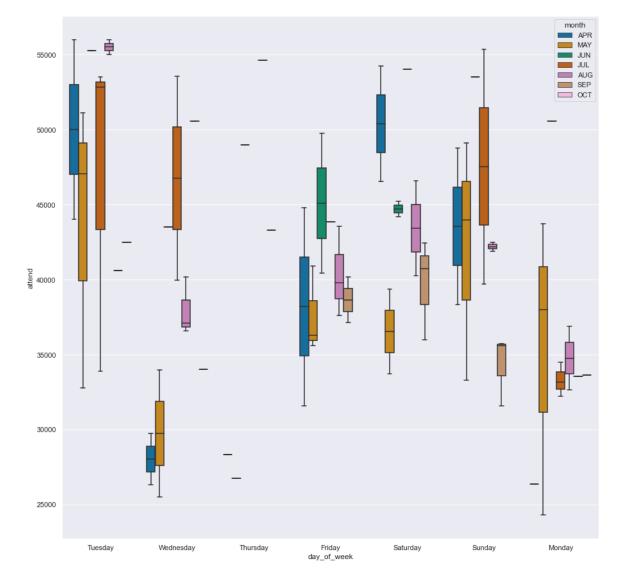
30

Dav

Night

day_night

Out[15]: <matplotlib.axes._subplots.AxesSubplot at 0x2064eb71be0>



Based on the question - I would like you to determine what night would be the best to run a marketing promotion to increase attendance.

```
In [4]: #Make a copy for later
df_dodger_copy_0 = df_dodger.copy(deep=True)
```

Out[9]:

| | month | day | attend | day_of_week | opponent | temp | skies | day_night | сар | shirt | fireworl |
|----|-------|-----|--------|-------------|----------|------|--------|-----------|-----|-------|----------|
| 0 | APR | 10 | 56000 | 3 | Pirates | 67 | Clear | Day | NO | NO | N |
| 1 | APR | 11 | 29729 | 4 | Pirates | 58 | Cloudy | Night | NO | NO | N |
| 2 | APR | 12 | 28328 | 5 | Pirates | 57 | Cloudy | Night | NO | NO | N |
| 3 | APR | 13 | 31601 | 6 | Padres | 54 | Cloudy | Night | NO | NO | YE |
| 4 | APR | 14 | 46549 | 7 | Padres | 57 | Cloudy | Night | NO | NO | N |
| | | | | | | | | | | | |
| 76 | SEP | 29 | 40724 | 7 | Rockies | 84 | Cloudy | Night | NO | NO | N |
| 77 | SEP | 30 | 35607 | 1 | Rockies | 95 | Clear | Day | NO | NO | N |
| 78 | OCT | 1 | 33624 | 2 | Giants | 86 | Clear | Night | NO | NO | N |
| 79 | OCT | 2 | 42473 | 3 | Giants | 83 | Clear | Night | NO | NO | N |
| 80 | OCT | 3 | 34014 | 4 | Giants | 82 | Cloudy | Night | NO | NO | N |

81 rows × 12 columns

```
In [10]: #Check the values of skie
    df_dodger['skies'].value_counts()
```

Out[10]: Clear 62 Cloudy 19

Name: skies, dtype: int64

```
In [11]: #Check the values for cap
df_dodger['cap'].value_counts()
```

Out[11]: NO 79 YES 2

Name: cap, dtype: int64

```
In [12]:
         #Double check data types
         df dodger.info()
         <class 'pandas.core.frame.DataFrame'>
         RangeIndex: 81 entries, 0 to 80
         Data columns (total 12 columns):
              Column
                          Non-Null Count
                                            Dtype
              ____
                           _____
                                            ____
          0
                           81 non-null
              month
                                            object
          1
              day
                           81 non-null
                                            int64
          2
                                            int64
              attend
                          81 non-null
          3 day of week 81 non-null
                                            int64
          4
             opponent
                          81 non-null
                                            object
          5
              temp
                           81 non-null
                                            int64
          6
              skies
                                            object
                           81 non-null
          7
              day night 81 non-null
                                            object
                          81 non-null
          8
                                            object
              cap
          9
              shirt
                           81 non-null
                                            object
          10 fireworks
                         81 non-null
                                            object
          11 bobblehead 81 non-null
                                            object
         dtypes: int64(4), object(8)
         memory usage: 7.7+ KB
In [13]:
         #Clean up the NO and YES to 0 and 1 for all values
         cleanup_nums = {'skies':{'Clear ': 0, 'Cloudy': 1},
                          'cap': {'NO': 0, 'YES': 1},
                          'shirt':{'NO':0,'YES':1},
                          'fireworks':{'NO':0,'YES':1},
                          'bobblehead':{'NO':0,'YES':1}}
         #Run the code to clean it up
         df dodger = df dodger.replace(cleanup nums)
         #Preview what came out
         df dodger.head()
Out[14]:
            month day attend day_of_week opponent temp skies day_night cap shirt fireworks
          0
              APR
                   10
                      56000
                                    3
                                         Pirates
                                                       0
                                                                        0
                                                                                0
                                                             Day
          1
                                         Pirates
              APR
                      29729
                                    4
                                                                                0
                   11
                                                 58
                                                       1
                                                             Night
                                                                   0
                                                                        0
              APR
          2
                   12
                      28328
                                    5
                                         Pirates
                                                 57
                                                             Night
                                                                                0
          3
              APR
                   13
                      31601
                                    6
                                         Padres
                                                 54
                                                       1
                                                             Night
                                                                   0
                                                                        0
                                                                                1
              APR
                                    7
                                                                        0
                                                                                0
                   14
                      46549
                                         Padres
                                                 57
                                                       1
                                                             Night
                                                                   0
In [15]:
         #Check value type of skies
         df dodger['skies'].value counts()
Out[15]: 0
              62
              19
         Name: skies, dtype: int64
```

4

APR

14 46549

```
In [16]:
         #Update data types to int
          df dodger['skies'] = df dodger['skies'].astype('int')
          #Check data types
          df dodger.dtypes
Out[16]: month
                         object
          day
                          int64
                          int64
          attend
          day of week
                         int64
          opponent
                     object
                         int64
          temp
          skies
                          int32
          day night
                        object
                          int64
          cap
          shirt
                          int64
          fireworks
                          int64
         bobblehead
                          int64
          dtype: object
In [17]: #Check the count of values
          df dodger['day night'].value counts()
Out[17]: Night
                   66
                   15
          Name: day_night, dtype: int64
In [18]: | #Clean up the NO and YES to 0 and 1 for all values
          cleanup dn = {'day night':{'Night': 0, 'Day': 1}}
In [19]: | #Run the code to clean it up
          df dodger = df dodger.replace(cleanup dn)
          #Preview what came out
          df dodger.head()
Out[19]:
             month day attend day_of_week opponent temp skies day_night cap shirt fireworks
          0
              APR
                    10
                       56000
                                      3
                                          Pirates
                                                         0
                                                                          0
                                                                                   0
          1
              APR
                       29729
                                      4
                                          Pirates
                                                  58
                                                        1
                                                                 0
                                                                     0
                                                                          0
                                                                                  0
                    11
          2
              APR
                    12
                       28328
                                      5
                                          Pirates
                                                  57
                                                        1
                                                                 0
                                                                     0
                                                                          0
                                                                                  0
          3
              APR
                    13
                       31601
                                      6
                                          Padres
                                                  54
                                                                 0
                                                                                   1
                                                        1
```

7 of 18 6/27/2021, 8:00 AM

7

Padres

57

1

0

0

0

0

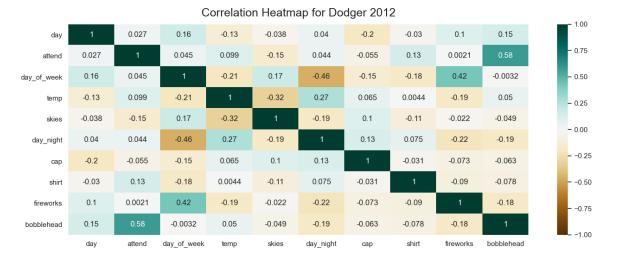
```
In [20]: #Check data types
        df dodger.dtypes
Out[20]: month object
        day
                      int64
        attend
                      int64
        day_of_week int64 opponent object
        temp
                      int64
        skies int32 day_night int64
                      int64
        cap
        shirt
                      int64
        fireworks
                      int64
        bobblehead int64
```

Out[22]:

dtype: object

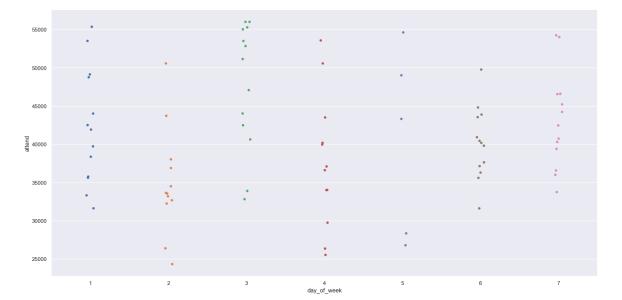
| | day | attend | day_of_week | temp | skies | day_night | сар | |
|-------------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|----|
| day | 1.000000 | 0.027093 | 0.160664 | -0.127612 | -0.038396 | 0.039828 | -0.202274 | -(|
| attend | 0.027093 | 1.000000 | 0.045177 | 0.098951 | -0.150963 | 0.043544 | -0.055002 | (|
| day_of_week | 0.160664 | 0.045177 | 1.000000 | -0.210856 | 0.173522 | -0.455972 | -0.147091 | -(|
| temp | -0.127612 | 0.098951 | -0.210856 | 1.000000 | -0.316584 | 0.272141 | 0.064521 | (|
| skies | -0.038396 | -0.150963 | 0.173522 | -0.316584 | 1.000000 | -0.188903 | 0.099671 | -(|
| day_night | 0.039828 | 0.043544 | -0.455972 | 0.272141 | -0.188903 | 1.000000 | 0.128951 | (|
| сар | -0.202274 | -0.055002 | -0.147091 | 0.064521 | 0.099671 | 0.128951 | 1.000000 | -(|
| shirt | -0.030182 | 0.133269 | -0.181300 | 0.004394 | -0.108566 | 0.074796 | -0.031204 | 1 |
| fireworks | 0.099528 | 0.002094 | 0.423744 | -0.189899 | -0.021880 | -0.217922 | -0.072732 | -(|
| bobblehead | 0.145363 | 0.581895 | -0.003203 | 0.049573 | -0.049349 | -0.188982 | -0.063074 | -(|

```
In [80]: #Visual for Heatmap Correlation
   plt.figure(figsize=(16, 6))
   hm=sns.heatmap(df_dodger.corr(), vmin=-1, vmax=1, annot=True, cmap='BrB
   G')
   hm.set_title('Correlation Heatmap for Dodger 2012', fontdict={'fontsize ':18}, pad=12);
```

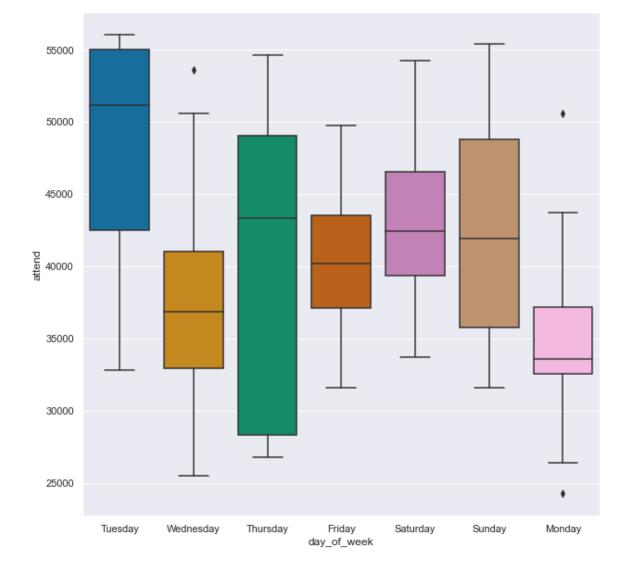


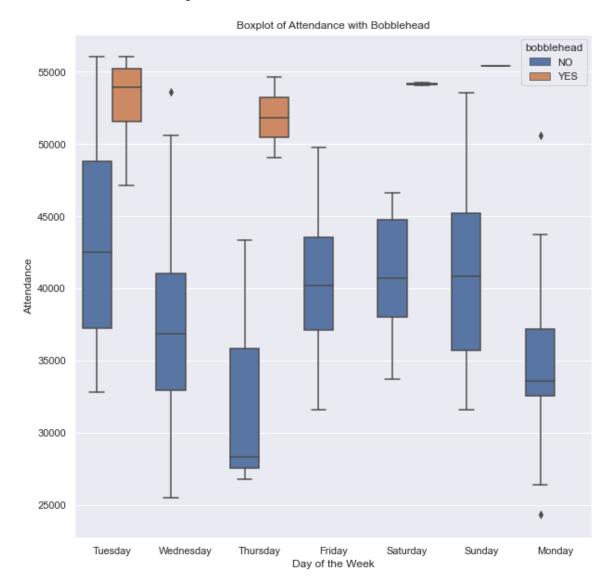
```
In [81]: #sns.relplot(x='day_of_week', y='attend', data=df_dodger)
sns.stripplot('day_of_week', y='attend', data=df_dodger, jitter=0.05)
```

Out[81]: <matplotlib.axes._subplots.AxesSubplot at 0x206587826a0>



Out[8]: <matplotlib.axes._subplots.AxesSubplot at 0x15b7639faf0>

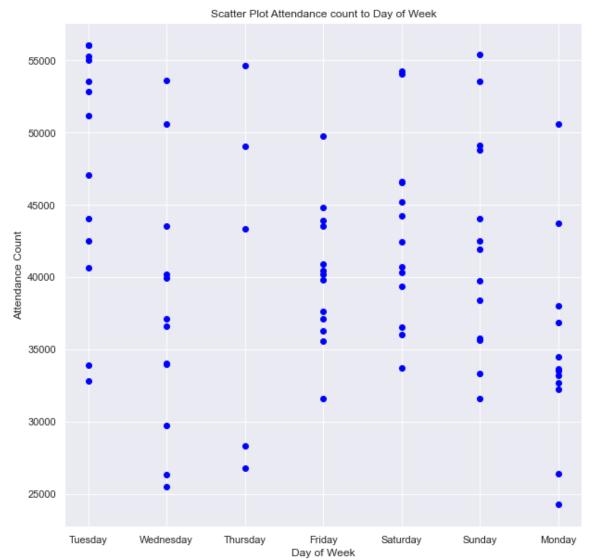




```
In [11]: # Scatterplot - To check correlation
    x = df_dodger["day_of_week"]
    y = df_dodger["attend"]

# Plot
    plt.scatter(x,y,color="blue")
    plt.rcParams.update({"figure.figsize":(8,8), "figure.dpi":100})

#Labels
    plt.title('Scatter Plot Attendance count to Day of Week')
    plt.xlabel('Day of Week')
    plt.ylabel('Attendance Count')
    plt.show()
```



```
In [6]: # Scatterplot - To check correlation
    x = df_dodger["day"]
    y = df_dodger["attend"]

# Plot
    plt.scatter(x,y,color="blue")
    plt.rcParams.update({"figure.figsize":(10,10), "figure.dpi":100})

#Labels
    plt.title('Scatter Plot Attendance count to Day')
    plt.xlabel('Day')
    plt.ylabel('Attendance Count')
    plt.show()
```

Scatter Plot Attendance count to Day 55000 45000 35000 35000 25000 -

```
In [82]: #Make a copy incase I need to return
    df_dodger_copy_1 = df_dodger.copy(deep=True)
```

15

Day

20

25

30

10

5

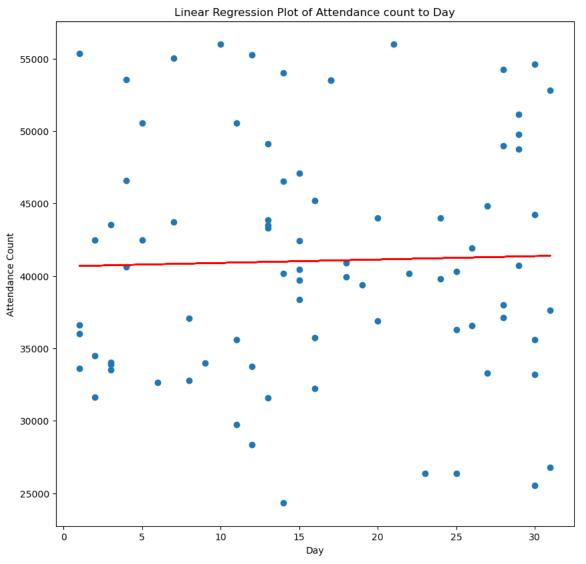
0

```
In [90]: | #Drop opponent
           df dodger = df dodger.drop(['opponent'], axis=1)
           df dodger = df dodger.drop(['month'], axis=1)
           df dodger.info()
           <class 'pandas.core.frame.DataFrame'>
           RangeIndex: 81 entries, 0 to 80
           Data columns (total 10 columns):
            # Column Non-Null Count Dtype
                               ____________
           ____
            0 day 81 non-null int64
1 attend 81 non-null int64
2 day_of_week 81 non-null int64
3 temp 81 non-null int64
4 skies 81 non-null int32
5 day_night 81 non-null int64
6 cap 81 non-null int64
7 shirt 81 non-null int64
            7 shirt 81 non-null int64
8 fireworks 81 non-null int64
9 bobblehead 81 non-null int64
           dtypes: int32(1), int64(9)
           memory usage: 6.1 KB
 In [7]: #Linear Regression Model
           from sklearn.linear model import LinearRegression
 In [9]: X = df dodger['day'].values.reshape(-1, 1) # values converts it into a
           numpy array
           Y = df dodger['attend'].values.reshape(-1, 1) # -1 means that calculat
           e the dimension of rows, but have 1 column
           linear regressor = LinearRegression() # create object for the class
           linear regressor.fit(X, Y) # perform linear regression
```

Y pred = linear regressor.predict(X) # make predictions

```
In [11]: #Scatter Plot with prediction
    plt.scatter(X, Y)
    plt.plot(X, Y_pred, color='red')

#Labels
    plt.title('Linear Regression Plot of Attendance count to Day')
    plt.xlabel('Day')
    plt.ylabel('Attendance Count')
    plt.show()
```



```
In [16]: from sklearn.model_selection import train_test_split
    X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.
    2, random_state=0)
In [17]: regressor = LinearRegression()
regressor.fit(X_train, y_train)
```

Out[17]: LinearRegression()

```
In [18]: print(regressor.intercept)
          41004.52856828934
In [19]: | print(regressor.coef )
          [-8.92328074]
In [30]:
          y pred = regressor.predict(X test)
In [31]: from sklearn import metrics
          print('Mean Absolute Error:', metrics.mean absolute error(y test, y pre
          print('Mean Squared Error:', metrics.mean squared error(y test, y pre
          print('Root Mean Squared Error:', np.sqrt(metrics.mean squared error(y
          test, y pred)))
          Mean Absolute Error: 5875.409299900461
          Mean Squared Error: 52735122.72298296
          Root Mean Squared Error: 7261.895256954823
In [32]: | df = pd.DataFrame({'Actual': y test, 'Predicted': y pred})
Out[32]:
              Actual
                       Predicted
           22 44005 40264.958098
           27
              51137 40667.155788
           61
              39805 41270.452323
             32799 40667.155788
           13
              43309 41069.353478
              35754 40264.958098
           74
              50559 40466.056943
           30
           55
              32659 40466.056943
              46588 41471.551168
           53
              38016 40466.056943
              52832 40667.155788
           50
           42 53570 40868.254633
           48
              39955 40868.254633
           33
             40432 41270.452323
           73
              42449 41471.551168
```

28328 41069.353478 37084 40868.254633

```
In [13]: #Make a copy for later
df_dodger_copy_1 = df_dodger.copy(deep=True)
```

In [14]: #Get dummy variables for day of week
 df_dodger_copy_1 = pd.get_dummies(df_dodger_copy_1, columns=['day_of_week'])

In [21]: df_dodger_copy_1.head(23)

Out[21]:

| | month | day | attend | opponent | temp | skies | day_night | сар | shirt | fireworks | bobblehead |
|----|-------|-----|--------|-----------|------|--------|-----------|-----|-------|-----------|------------|
| 0 | APR | 10 | 56000 | Pirates | 67 | Clear | Day | NO | NO | NO | NC |
| 1 | APR | 11 | 29729 | Pirates | 58 | Cloudy | Night | NO | NO | NO | NC |
| 2 | APR | 12 | 28328 | Pirates | 57 | Cloudy | Night | NO | NO | NO | NC |
| 3 | APR | 13 | 31601 | Padres | 54 | Cloudy | Night | NO | NO | YES | NC |
| 4 | APR | 14 | 46549 | Padres | 57 | Cloudy | Night | NO | NO | NO | NC |
| 5 | APR | 15 | 38359 | Padres | 65 | Clear | Day | NO | NO | NO | NC |
| 6 | APR | 23 | 26376 | Braves | 60 | Cloudy | Night | NO | NO | NO | NC |
| 7 | APR | 24 | 44014 | Braves | 63 | Cloudy | Night | NO | NO | NO | NC |
| 8 | APR | 25 | 26345 | Braves | 64 | Cloudy | Night | NO | NO | NO | NC |
| 9 | APR | 27 | 44807 | Nationals | 66 | Clear | Night | NO | NO | YES | NC |
| 10 | APR | 28 | 54242 | Nationals | 71 | Clear | Night | NO | NO | NO | YES |
| 11 | APR | 29 | 48753 | Nationals | 74 | Clear | Day | NO | YES | NO | NC |
| 12 | MAY | 7 | 43713 | Giants | 67 | Clear | Night | NO | NO | NO | NC |
| 13 | MAY | 8 | 32799 | Giants | 75 | Clear | Night | NO | NO | NO | NC |
| 14 | MAY | 9 | 33993 | Giants | 71 | Clear | Night | NO | NO | NO | NC |
| 15 | MAY | 11 | 35591 | Rockies | 65 | Clear | Night | NO | NO | YES | NC |
| 16 | MAY | 12 | 33735 | Rockies | 65 | Clear | Night | NO | NO | NO | NC |
| 17 | MAY | 13 | 49124 | Rockies | 70 | Clear | Day | NO | NO | NO | NC |
| 18 | MAY | 14 | 24312 | Snakes | 67 | Clear | Night | NO | NO | NO | NC |
| 19 | MAY | 15 | 47077 | Snakes | 70 | Clear | Night | NO | NO | NO | YES |
| 20 | MAY | 18 | 40906 | Cardinals | 64 | Clear | Night | NO | NO | YES | NC |
| 21 | MAY | 19 | 39383 | Cardinals | 67 | Clear | Night | NO | NO | NO | NC |
| 22 | MAY | 20 | 44005 | Cardinals | 77 | Clear | Night | NO | NO | NO | NC |

In [25]: df_thursdays = df_dodger[df_dodger['day_of_week'] == 'Thursday']

```
In [26]:
           df thursdays.sort values(by=['day of week'])
Out[26]:
                month
                      day
                            attend day_of_week opponent temp
                                                                  skies day_night cap
                                                                                       shirt fireworl
             2
                  APR
                             28328
                        12
                                       Thursday
                                                   Pirates
                                                             57
                                                                 Cloudy
                                                                             Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
            29
                  MAY
                        31
                             26773
                                       Thursday
                                                  Brewers
                                                             70
                                                                  Clear
                                                                             Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
            36
                  JUN
                        28
                             49006
                                                     Mets
                                                             75
                                                                  Clear
                                                                             Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
                                       Thursday
            64
                  AUG
                        30
                             54621
                                                   Snakes
                                                             80
                                                                  Clear
                                                                             Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
                                       Thursday
            71
                  SEP
                        13
                            43309
                                       Thursday
                                                 Cardinals
                                                             80
                                                                  Clear
                                                                            Night NO
                                                                                         NO
                                                                                                   Ν
           df dodger['day of week'].value counts()
In [27]:
Out[27]: Friday
                            13
                            13
           Tuesday
                            13
           Sunday
           Saturday
                            13
           Wednesday
                            12
                            12
           Monday
                             5
           Thursday
           Name: day_of_week, dtype: int64
           df mondays = df dodger[df dodger['day of week'] == 'Monday']
In [29]:
           df mondays.sort values(by=['day of week'])
Out[29]:
                                                                                       shirt fireworl
                month
                            attend day_of_week opponent temp
                                                                  skies
                                                                        day_night cap
             6
                  APR
                        23
                             26376
                                        Monday
                                                   Braves
                                                             60
                                                                 Cloudy
                                                                            Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
            12
                  MAY
                         7
                             43713
                                        Monday
                                                    Giants
                                                             67
                                                                  Clear
                                                                             Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
            18
                  MAY
                        14
                             24312
                                        Monday
                                                   Snakes
                                                             67
                                                                  Clear
                                                                            Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
            26
                                        Monday
                                                             73
                                                                                         NO
                  MAY
                        28
                             38016
                                                  Brewers
                                                                  Clear
                                                                             Night
                                                                                   NO
                                                                                                   Ν
            30
                  JUN
                         11
                             50559
                                        Monday
                                                   Angels
                                                             68
                                                                  Clear
                                                                             Night
                                                                                   NO
                                                                                        YES
                                                                                                   Ν
            40
                  JUL
                         2
                             34493
                                                             70
                                                                             Night
                                                                                   NO
                                                                                         NO
                                        Monday
                                                     Reds
                                                                  Clear
                                                                                                   Ν
            46
                  JUL
                        16
                             32238
                                        Monday
                                                   Phillies
                                                             67
                                                                  Clear
                                                                             Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
            49
                  JUL
                        30
                             33180
                                                   Snakes
                                                             73
                                                                  Clear
                                                                            Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
                                        Monday
            55
                  AUG
                                                             79
                                                                                   NO
                                                                                         NO
                         6
                             32659
                                        Monday
                                                   Rockies
                                                                  Clear
                                                                            Night
                                                                                                   Ν
            58
                  AUG
                        20
                             36878
                                         Monday
                                                    Giants
                                                             80
                                                                  Clear
                                                                             Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
            68
                  SEP
                         3
                             33540
                                                   Padres
                                                             84
                                                                 Cloudy
                                                                             Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
                                        Monday
            78
                  OCT
                             33624
                                                             86
                                                                             Night
                                                                                   NO
                                                                                         NO
                                                                                                   Ν
                         1
                                        Monday
                                                    Giants
                                                                  Clear
 In [ ]:
```