



bargraph to display the result

Max\_sodium.sort\_values('Sodium',inplace=True)

plt.ylabel('(Items)', fontsize=25, color='red')

for pY,pX in enumerate(Max\_sodium['Sodium']):

plt.xticks(fontsize=20,color='green')
plt.yticks(fontsize=20,color='green')

Chicken McNuggets (40 piece)

Chicken McNuggets (20 piece)

Big Breakfast (Large Biscuit)

Big Breakfast with Hotcakes (Large Biscuit)

Bacon Clubhouse Crispy Chicken Sandwich

Big Breakfast with Egg Whites (Large Biscuit)

Big Breakfast with Egg Whites (Regular Biscuit)

amount of Saturated Fat?

Items having most Saturated Fat

plt.xticks(fontsize=23,color='green')
plt.yticks(fontsize=23,color='green')

sodium intake

plt.show()

Big Breakfast with Hotcakes and Egg Whites (Large Biscuit)

Big Breakfast with Hotcakes and Egg Whites (Regular Biscuit)

plt.xlabel('(Sodium content)', fontsize=25, color='red')

plt.annotate("{:,}".format(pX),xy=(pX,pY),fontsize=20)

In [93]: plt.figure(figsize=(20,15))

ing=False).head(10)

plt.grid()

plt.show()

Since there are many Items so we would only take top 10 and use horizontal

Max\_sodium=Mcd.pivot\_table('Sodium', 'Item').sort\_values('Sodium', ascend

plt.barh(Max\_sodium['Sodium'].index, Max\_sodium['Sodium'], color='orange')

2,170

2,150

1,800

1,720

1,700

1,680

(Sodium content)

In [82]: plt.figure(figsize=(40,10))
 Item\_Fat=Mcd[['Item', 'Saturated Fat']].groupby('Item').sum().sort\_values
 ('Saturated Fat', ascending=False).head(5)
 sns.barplot(Item\_Fat['Saturated Fat'].index,Item\_Fat['Saturated Fat'])
 plt.grid()
 plt.ylabel('(Saturated Fat)',fontsize=30,color='red')
 plt.xlabel('(Items)',fontsize=30,color='red')

From above graph we conclude that Chicken McNuggets (40 piece),Frappe chocolate chip(Large),Big Breakfast with Hotcakes (Large Biscuit) and McFlurry with M&M's Candies(Medium) have the most saturated Fat i.e, 20

Since we have more Items and we have to find out top 4 so we would plot top 5

Graph shows that CHICKEN McNUGGETS(40 piece) has the maximum

9. Findind out which 4 food items contain the most