

	<pre>Visualization Number of elements per cluster and average of gyms per cluster %matplotlib inline import matplotlib.pyplot as plot listaMedias = [] listaCantidades = [] for n in range(0,6): listaMedias.append(final_gym_df.loc[final_gym_df['Cluster Labels'] == n]['Gym'].me listaCantidades.append(len(final_gym_df.loc[final_gym_df['Cluster Labels'] == n].: print(listaMedias) print(listaCantidades)</pre>
	<pre>print(listaCantidades) [0.0, 0.029776936026936027, 0.041818181818182, 0.01, 0.02307489451476793, 0.05277777 77777778] [27, 3, 3, 2, 2, 2] Plot the average number of gyms per cluster *matplotlib inline import matplotlib.pyplot as plt x = [0,1,2,3,4,5] color = ['#ff0000', '#8000ff', '#1996f3', '#4df3ce', '#b2f396', '#ff964f'] plt.bar(x,listaMedias,color=color)</pre>
	<pre>plot.title('Average of gyms per cluster') plot.xlabel('N of cluster') plot.ylabel('Average of gyms') colors = {'Cluster 0':'red', 'Cluster 1':'#8000ff', 'Cluster 2':'#1996f3','Cluster 3'</pre>
	Average of gyms per cluster Cluster 0 Cluster 1 Cluster 2 Cluster 3 Cluster 4 Cluster 5 O.03 O.01 O.02 O.01 O.00
In [98]:	Plot the number of elements per cluster $x = [0,1,2,3,4,5]$ $color = ['#ff0000', '#8000ff', '#1996f3', '#4df3ce', '#b2f396', '#ff964f']$ $plt.bar(x,listaCantidades,color=color)$ $plot.title('Number of neighborhoods per cluster')$ $plot.xlabel('N of cluster')$ $plot.ylabel('Number of neighborhoods')$ $colors = \{'Cluster 0':'red', 'Cluster 1':'#8000ff', 'Cluster 2':'#1996f3','Cluster 3'$
	Colors = {'Cluster 0':'red', 'Cluster 1':'#8000ff', 'Cluster 2':'#1996f3', 'Cluster 3'
In []:	0 0 1 2 3 4 5 N of cluster