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In [3]: import pandas as pd
df = pd.read_csv("AB_NYC_2019.csv")

df.head(30)
```

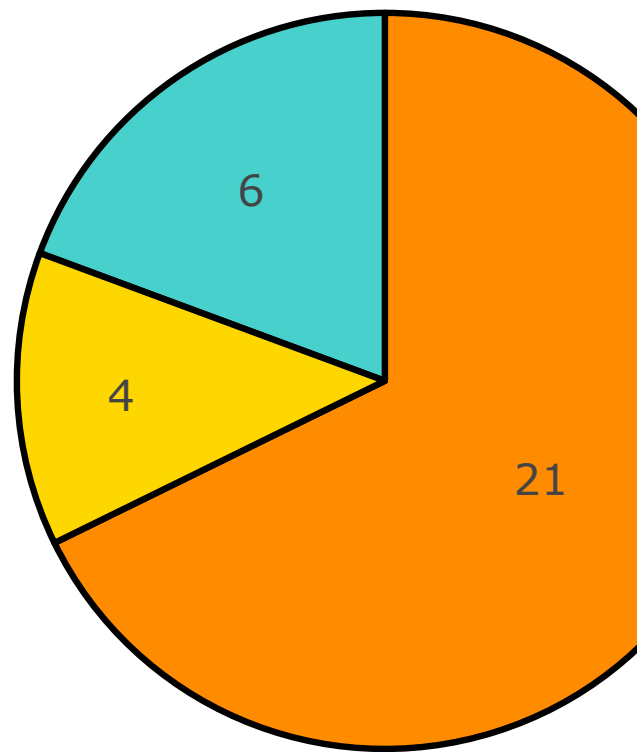
Out[3]:

	id	name	host_id	host_name	neighbourhood_group	neighbourhood	lat
0	2539	Clean & quiet apt home by the park	2787	John	Brooklyn	Kensington	40.6461
1	2595	Skylit Midtown Castle	2845	Jennifer	Manhattan	Midtown	40.7485
2	3647	THE VILLAGE OF HARLEM....NEW YORK !	4632	Elisabeth	Manhattan	Harlem	40.8010
3	3831	Cozy Entire Floor of Brownstone	4869	LisaRoxanne	Brooklyn	Clinton Hill	40.7321
4	5022	Entire Apt: Spacious Studio/Loft by central park	7192	Laura	Manhattan	East Harlem	40.7821
5	5099	Large Cozy 1 BR Apartment In Midtown East	7322	Chris	Manhattan	Murray Hill	40.7620
6	5121	BlissArtsSpace!	7356	Garon	Brooklyn	Bedford-Stuyvesant	40.6950
7	5178	Large Furnished Room Near B'way	8967	Shunichi	Manhattan	Hell's Kitchen	40.7580
8	5203	Cozy Clean Guest Room - Family Apt	7490	MaryEllen	Manhattan	Upper West Side	40.7825
9	5238	Cute & Cozy Lower East Side 1 bdrm	7549	Ben	Manhattan	Chinatown	40.7127
10	5295	Beautiful 1br on Upper West Side	7702	Lena	Manhattan	Upper West Side	40.7825
11	5441	Central Manhattan/near Broadway	7989	Kate	Manhattan	Hell's Kitchen	40.7580
12	5803	Lovely Room 1, Garden, Best Area, Legal rental	9744	Laurie	Brooklyn	South Slope	40.6710
13	6021	Wonderful Guest Bedroom in Manhattan for SINGLES	11528	Claudio	Manhattan	Upper West Side	40.7825
14	6090	West Village Nest - Superhost	11975	Alina	Manhattan	West Village	40.7321
15	6848	Only 2 stops to Manhattan studio	15991	Allen & Irina	Brooklyn	Williamsburg	40.6950

16	7097	Perfect for Your Parents + Garden	17571	Jane	Brooklyn	Fort Greene	40.
17	7322	Chelsea Perfect	18946	Doti	Manhattan	Chelsea	40.
18	7726	Hip Historic Brownstone Apartment with Backyard	20950	Adam And Charity	Brooklyn	Crown Heights	40.
19	7750	Huge 2 BR Upper East Cental Park	17985	Sing	Manhattan	East Harlem	40.
20	7801	Sweet and Spacious Brooklyn Loft	21207	Chaya	Brooklyn	Williamsburg	40.
21	8024	CBG CtyBGd HelpsHaiti rm#1:1-4	22486	Lisel	Brooklyn	Park Slope	40.
22	8025	CBG Helps Haiti Room#2.5	22486	Lisel	Brooklyn	Park Slope	40.
23	8110	CBG Helps Haiti Rm #2	22486	Lisel	Brooklyn	Park Slope	40.
24	8490	MAISON DES SIRENES1,bohemian apartment	25183	Nathalie	Brooklyn	Bedford- Stuyvesant	40.
25	8505	Sunny Bedroom Across Prospect Park	25326	Gregory	Brooklyn	Windsor Terrace	40.
26	8700	Magnifique Suite au N de Manhattan - vue Cloitres	26394	Claude & Sophie	Manhattan	Inwood	40.
27	9357	Midtown Pied-a- terre	30193	Tommi	Manhattan	Hell's Kitchen	40.
28	9518	SPACIOUS, LOVELY FURNISHED MANHATTAN BEDROOM	31374	Shon	Manhattan	Inwood	40.
29	9657	Modern 1 BR / NYC / EAST VILLAGE	21904	Dana	Manhattan	East Village	40.

```
In [1]: import plotly.graph_objects as go
colors = ['gold', 'mediumturquoise', 'darkorange', 'lightgreen']

fig = go.Figure(data=[go.Pie(labels=['$200+', '150-200', 'Under 150$'],
                                values=[4,6,21])])
fig.update_traces(hoverinfo='label+percent', textinfo='value', textfont_size=20,
                  marker=dict(colors=colors, line=dict(color='#000000', width=3)))
fig.show()
```

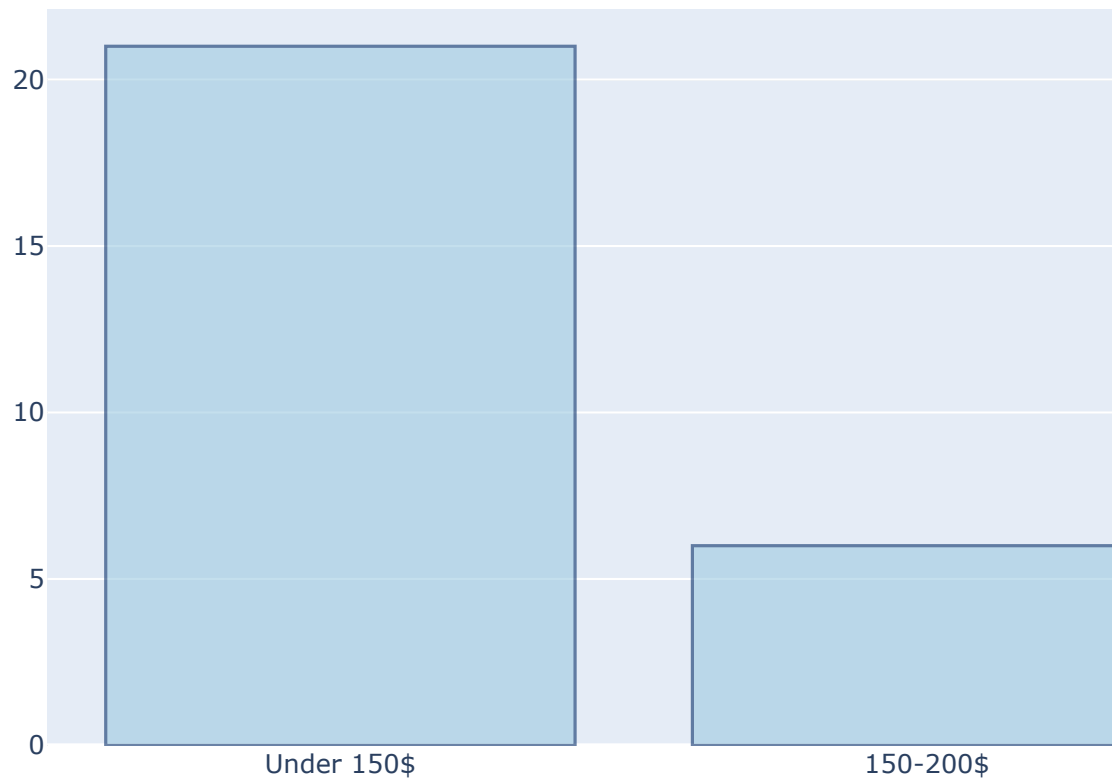


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In [6]: import plotly.graph_objects as go

x = ['Under 150$', '150-200$', 'Over 200$']
y = [21, 6, 4]

fig = go.Figure(data=[go.Bar(x=x, y=y,
                             hovertext=['27% of all money', '24% of all money', '19% of
all money'])])
# Customize aspect
fig.update_traces(marker_color='rgb(158,202,225)', marker_line_color='
rgb(8,48,107)',
                  marker_line_width=1.5, opacity=0.6)
fig.update_layout(title_text='January 2013 Sales Report')
fig.show()
```

January 2013 Sales Report



In []: