

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic feel.

# Holiday Destinations

Let us find the best options for you

# We have all the data to help you make your decision

```
import pandas as pd
data=pd.read_csv("Holidays.csv")
data.shape
```

90] ✓ 0.3s

.. (15, 5)

```
data.loc[[3:8]]
```

91] ✓ 0.3s

..

	Destination	Feedback score	Average Hotel rating	Number of All-inclusive Hotels	Most visited city
3	Thailand	8.5	4.5	10	Bangkok
4	Australia	7.2	3.5	2	Sydney
5	France	9.0	2.2	4	Paris
6	Austria	7.0	2.4	0	Vienna
7	Switzerland	6.5	3.1	0	Geneva
8	Spain	6.5	3.4	10	Barcelona

We'll consider a diverse range of options, spanning across all continents

```
data.iloc[3:9]
```

✓ 1.1s

	Destination	Feedback score	Average Hotel rating	Number of All-inclusive Hotels	Most visited city
3	Thailand	8.5	4.5	10	Bangkok
4	Australia	7.2	3.5	2	Sydney
5	France	9.0	2.2	4	Paris
6	Austria	7.0	2.4	0	Vienna
7	Switzerland	6.5	3.1	0	Geneva
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# Would you like to go in for a destination with All-inclusive hotels?

- ▶ According to feedback scores from tourists, we find that the lowest rated destination is India, but this maybe due to difficulty of navigation between tourist hotspots, because the hotels here are rated highly for their hospitality/facilities.
- ▶ The highest rated destination is France, and this may again be due to ease of navigation around the tourist hotspots.

```
data['Number of All-inclusive Hotels'].mean()  
3] ✓ 0.2s  
5.066666666666666
```

```
● filter=data['Feedback score']==data['Feedback score'].min()  
data[filter]['Destination']  
4] ✓ 0.3s  
0 India  
Name: Destination, dtype: object
```

```
filter=data['Feedback score']==data['Feedback score'].max()  
hi_score=data[filter]  
print(hi_score['Destination'])  
5] ✓ 0.5s  
5 France  
Name: Destination, dtype: object
```

```
filter=data['Number of All-inclusive Hotels']>9
data[filter]['Destination']
```

6] ✓ 0.4s

3 Thailand

8 Spain

10 US

Name: Destination, dtype: object

```
filter=data['Feedback score']>8
data[filter]
```

7] ✓ 0.3s

	Destination	Feedback score	Average Hotel rating	Number of All-inclusive Hotels	Most visited city
3	Thailand	8.5	4.5	10	Bangkok
5	France	9.0	2.2	4	Paris
13	South Africa	8.2	3.0	6	Cape Town

```
filter=data['Feedback score']<2
data[filter]
```

8] ✓ 0.3s

	Destination	Feedback score	Average Hotel rating	Number of All-inclusive Hotels	Most visited city
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Here are the destinations with the largest number of All-inclusive hotels, if that's what you are looking for, and the ones with the highest feedback scores. Thankfully, we do not carry data destinations below the cutoff feedback score of 2.

- ▶ We find that feedback score from tourists isn't strongly correlated with the number of all-inclusive hotels. This is because some destinations that offer a transformational or unique experience do not have the culture of all-inclusive resorts. Also, if these are places that where tourists typically travel between locations rather than relax by a beach, then too there is less of a market for all-inclusive resorts.
- ▶ However, the presence of all-inclusive resorts is often positively correlated with hotel rating as these hotels really take great care of the customer.

```
data.corr(method='pearson')
```

✓ 1.2s

	Feedback score	Average Hotel rating	Number of All-inclusive Hotels
Feedback score	1.000000	0.055015	-0.053616
Average Hotel rating	0.055015	1.000000	0.493630
Number of All-inclusive Hotels	-0.053616	0.493630	1.000000

[+ Code](#)[+ Markdown](#)

```
data.corr(method='spearman')
```

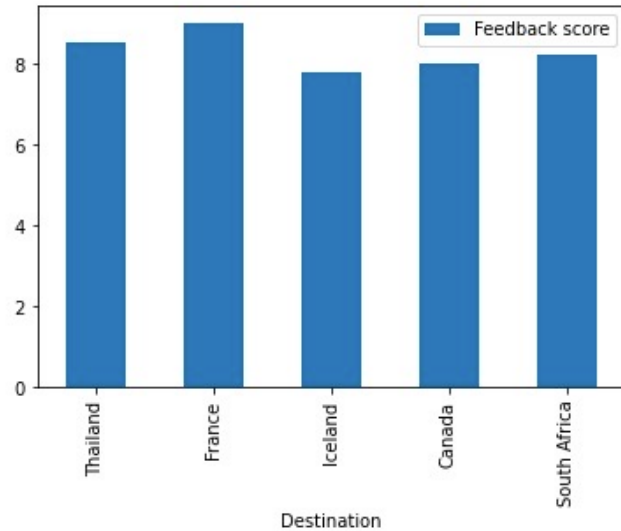
✓ 0.3s

	Feedback score	Average Hotel rating	Number of All-inclusive Hotels
Feedback score	1.000000	0.07713	-0.036069
Average Hotel rating	0.077130	1.00000	0.458640
Number of All-inclusive Hotels	-0.036069	0.45864	1.000000

```
filter=data['Feedback score']>7.5  
data[filter].plot.bar(x='Destination',y='Feedback score')
```

1] ✓ 1.2s

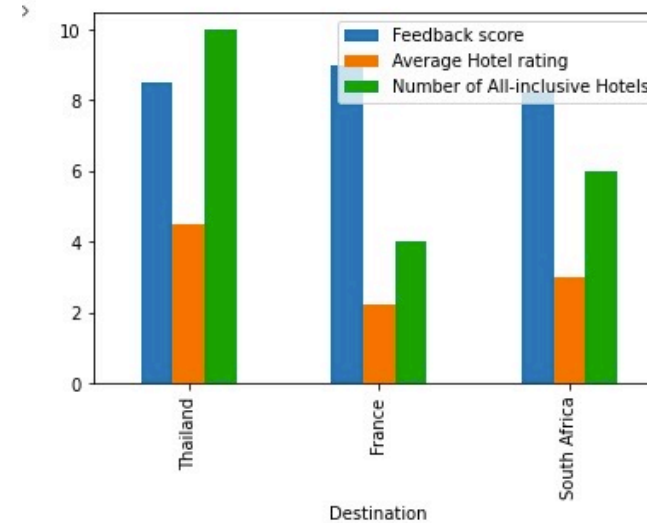
<AxesSubplot:xlabel='Destination'>



```
filter=data['Feedback score']>8.0  
bestdest=data[filter].drop(columns=['Most visited city'])  
bestdest.set_index('Destination').plot.bar()
```

2] ✓ 1.8s

<AxesSubplot:xlabel='Destination'>



Finally, here are our 5 best destinations by feedback score, and for the top 3 such destinations you can also see that these usually have all-inclusive hotels (though not always). Sometimes, the hotel might be sufficiently good but not luxury, but the place might offer a lot of activities and cultural experiences and thus get rated highly. It's really about what you are looking for.

# I hope this helps you make a decision.

- ▶ You could explore somewhere further afield and exotic, like Thailand or South Africa, or for the time being go for France.
- ▶ Once you know which you'd like to go for, I'll show you the various locations/cities you can visit there and the best hotel options to suit your taste and budget ....