

```
In [2]: import numpy as np
import pandas as pd
```

```
In [3]: destination_data = pd.read_csv('holiday.csv')
destination_data
```

Out[3]:

	Destinations	Score	Hotel_Rating	All_inclusive_hotels	Most_visited_city
0	Spain	7	4	15000	Alicante
1	Italy	5	4	15158	Milan
2	Netherlands	6	3	12358	Amsterdam
3	Jamaica	8	4	1288	Ocho_Rios
4	Morocco	2	1	7595	Casablanca
5	Egypt	1	2	3092	Cairo
6	South Africa	9	4	15000	Johannesburg
7	Nigeria	5	3	11683	Lagos
8	Florida	10	5	8578	Miami
9	Mexico	10	5	15000	Cancun
10	Cuba	4	3	5208	Havana
11	Brazil	3	3	15000	Rio_De_Janeiro
12	Portugal	9	4	15000	Albufeira
13	Germany	3	3	15000	Frankfurt
14	South Sudan	3	2	8	Juba

```
In [ ]: #How many rows and columns in your file?
```

```
In [4]: destination_data.shape
```

Out[4]: (15, 5)

```
In [ ]: #Print rows 3-8 using iloc/loc.
```

```
In [5]: destination_data.iloc[3:8]
```

Out[5]:

	Destinations	Score	Hotel_Rating	All_inclusive_hotels	Most_visited_city
3	Jamaica	8	4	1288	Ocho_Rios
4	Morocco	2	1	7595	Casablanca
5	Egypt	1	2	3092	Cairo
6	South Africa	9	4	15000	Johannesburg
7	Nigeria	5	3	11683	Lagos

```
In [6]: destination_data.loc[3:8, 'Destinations':'Most_visited_city']
```

Out[6]:

	Destinations	Score	Hotel_Rating	All_inclusive_hotels	Most_visited_city
3	Jamaica	8	4	1288	Ocho_Rios
4	Morocco	2	1	7595	Casablanca
5	Egypt	1	2	3092	Cairo
6	South Africa	9	4	15000	Johannesburg
7	Nigeria	5	3	11683	Lagos
8	Florida	10	5	8578	Miami

```
In [ ]: #Find the mean number of all inclusive hotels across all destinations.
```

```
In [7]: destination_data['All_inclusive_hotels'].mean()
```

Out[7]: 10331.2

```
In [ ]: #Find the lowest scoring destination.
```

```
In [9]: destination_data['Score'].min()
```

Out[9]: 1

```
In [ ]: #Find the highest scoring destination.
```

```
In [10]: destination_data['Score'].max()
```

Out[10]: 10

```
In [ ]: #Find all the destinations where there are more than 9 all-inclusive hotels.
```

```
In [11]: destination_data.loc[(destination_data.All_inclusive_hotels > 9), ['Destinations', 'All_inclusive_hotels']]
```

Out[11]:

	Destinations	All_inclusive_hotels
0	Spain	15000
1	Italy	15158
2	Netherlands	12358
3	Jamaica	1288
4	Morocco	7595
5	Egypt	3092
6	South Africa	15000
7	Nigeria	11683
8	Florida	8578
9	Mexico	15000
10	Cuba	5208
11	Brazil	15000
12	Portugal	15000
13	Germany	15000

```
In [ ]: #Filter the data by destination and score above 8.
```

```
In [17]: destination_data.loc[(destination_data.Score > 8), ['Destinations', 'Score']]
```

Out[17]:

	Destinations	Score
6	South Africa	9
8	Florida	10
9	Mexico	10
12	Portugal	9

```
In [ ]: #Filter the data by destination and score below 2.
```

```
In [19]: destination_data.loc[(destination_data.Score < 2), ['Destinations', 'Score']]
```

Out[19]:

	Destinations	Score
5	Egypt	1