Day 79- 90 days of Analytics: Pandas Groupby

In today's video, we looked at the groupby() method with pandas

The following were mentioned

-The **groupby()** method allows us to group data and execute functions on these groups. Example

```
import pandas as pd
df = pd.read_csv('visitors_per_shop.csv')
g = df.groupby('shop')
```

-To view the various groups found in the group object, we use a for loop. Example

```
for shop,data in g:
    print('\n')
    print('shop : ',shop)
    print(data)
```

-The get_group() method permits us to extract a particular group from the group object. Example

```
g.get_group('shop1')
```

-The **max()** method of the group object returns a data frame containing the maximum values of each filed per group. Example: `g.max()`

-The **min()** method of the group object returns a data frame containing the minimum values of each filed per group. Example: `g.min()`

-Other methods include: mean(), describe(), size(), plot().

Link to the YouTube Recording: https://www.youtube.com/watch?v=8_2J6TuPX0E

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