Pandas Groupby

Data Frame

Creatine sample data frame to work with.

• • •			
	Company	Person	Sales
0	GOOG	Sam	200
1	GOOG	Charlie	120
2	MSFT	Amy	340
3	MSFT	Vanessa	124
4	FB	Carl	243
5	FB	Sarah	350

Pandas Groupby

```
by_comp = df.groupby("Company")
```

Returns DataFrameGroupBy object

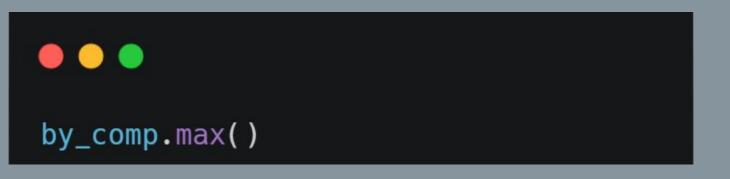
•	• •		
	Company	Person	Sales
0	GOOG	Sam	200
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Aggregate function

any function that takes many values and then spits out or outputs a single value like ...

```
by_comp.min()
```

	Person	Sales
Company		
FB	Carl	243
GOOG	Charlie	120
MSFT	Amy	124



	Person	Sales
Company		
FB	Sarah	350
GOOG	Sam	200
MSFT	Vanessa	340

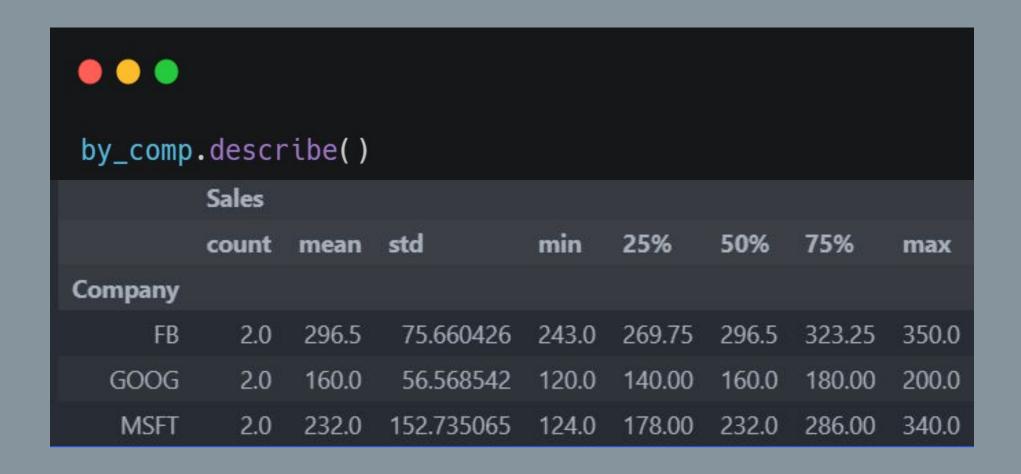
• • •		
<pre>by_comp.count()</pre>		

	Person	Sales
Company		
FB	2	2
GOOG	2	2
MSFT	2	2

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Describe

Gives you bunch of useful information all at once like *count*, *mean, min max .. etc*



Just another wayof representation

