

Pandas Review

Pandas

	Name	Gender	Age	# Siblings	Birth Order
0	Sam Windham	M	23	2	2
1	Perry Case	M	61	7	4
2	Harriet Corman	F	39	3	1
3	Sylvia Hope	F	28	1	1
4	Georgia Talbot	F	56	3	3
5	Thomas Burleson	M	33	0	1
6	Cory Singleton	F	25	0	1

dataFrame[]

	Name	Gender	Age	# Siblings	Birth Order
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dataFrame[3:6]

	Name	Gender	Age	# Siblings	Birth Order
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Integers indicate rows



dataFrame[3:6]

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dataFrame[“Name”]

	Name	Gender	Age	# Siblings	Birth Order
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Strings indicate columns



dataFrame["Name"]

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Strings indicate columns



```
dataFrame[["Name", "# Siblings"]]
```

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index/integer

dataFrame.**i**loc[rows, columns]

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index/integer

Rows, Cols
↓ ↓
dataFrame.**i**loc[-2:, -1]

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label/name

dataFrame.**loc**[rows, columns]

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label/name

Rows, Cols
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dataFrame.**loc**[:3, "Age"]

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Inclusive
range

Rows, Cols
↓ ↓
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Boolean range

dataFrame.**loc**[dataFrame[“Age”] > 30, “Name”]

Rows,



Cols



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Rows,



Cols



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Boolean range

Rows,
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dataFrame.**loc**[dataFrame[**“Age”**] > 30, **“Name”**]

Cols
↓

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