Pandas Review

Pandas

	Name	Gender	Age	# Siblings	Birth Order
0	Sam Windham	М	23	2	2
1	Perry Case	Μ	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	М	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
0	Sam Windham	М	23	2	2
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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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0	Sam Windham	М	23	2	2
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index/integer

dataFrame.iloc[rows, columns]

	Name	Gender	Age	# Siblings	Birth Order
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Rows, Cols

dataFrame.iloc[-2:, -1]

index/integer

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Rows, Cols

dataFrame.iloc[-2:, -1]

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Rows, Cols

dataFrame.iloc[-2:, -1]

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label/name

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

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Rows, Cols

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dataFrame. [OC[:3, "Age"]

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Rows, Cols

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dataFrame.loc[:3, "Age"]

Inclusive range

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Boolean range

dataFrame. **IOC**[dataFrame["Age"] > 30, "Name"]

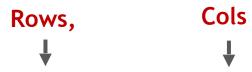
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dataFrame. OC[dataFrame["Age"] > 30, "Name"]

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