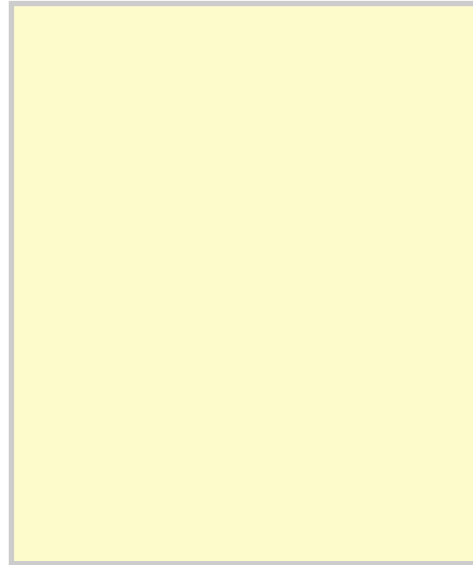


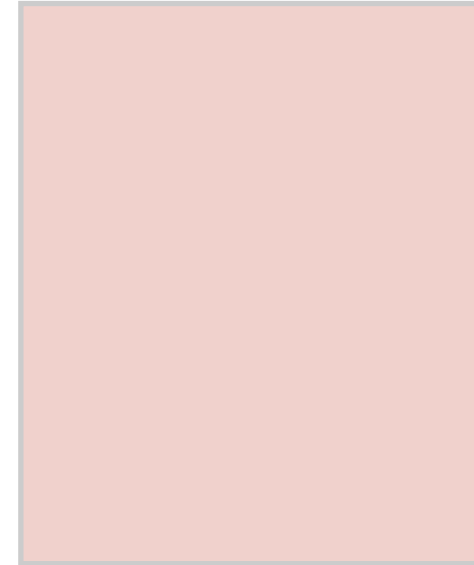
Introduction to Pandas

Julián García
software carpentry

Analytics



preparing
data



analysis

Analytics



preparing
data




analysis



Pandas

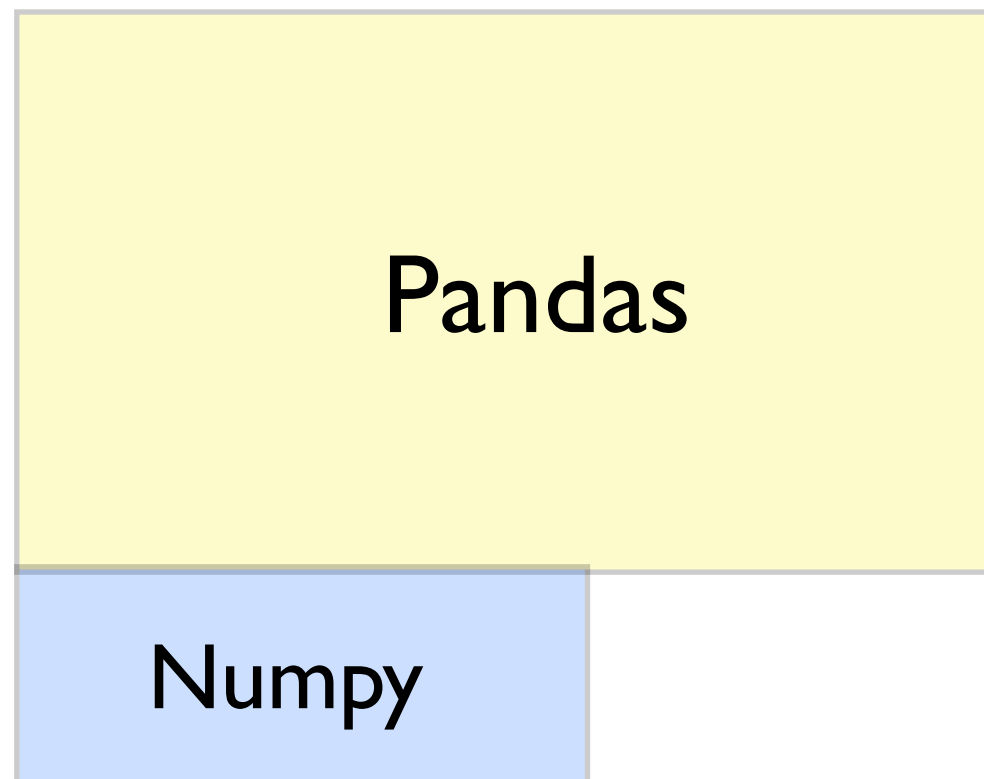
Pandas: Python library for data analysis.



Pandas

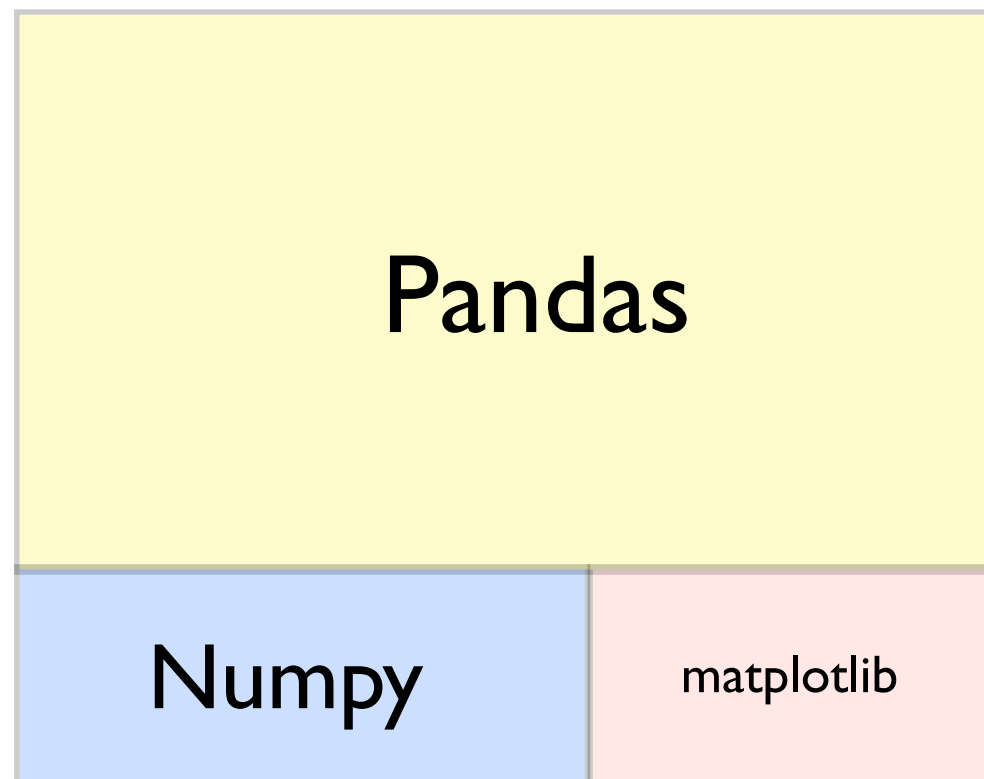
Pandas

Pandas: Python library for data analysis.



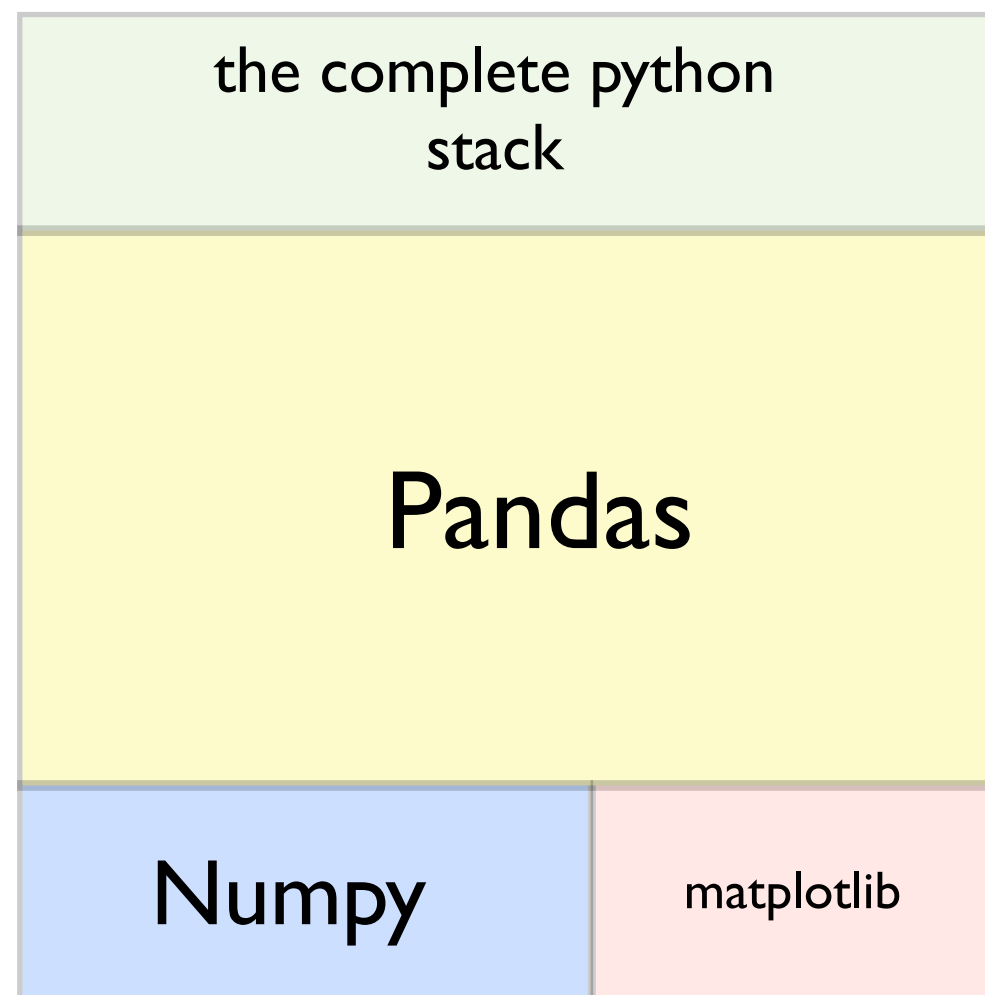
Pandas

Pandas: Python library for data analysis.



Pandas

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Pandas

Pandas

- High-level data structures:
 - Series object
 - DataFrame object

Pandas

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 - Sql-like operations
 - More...

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→ This lesson

- Advanced functionality:

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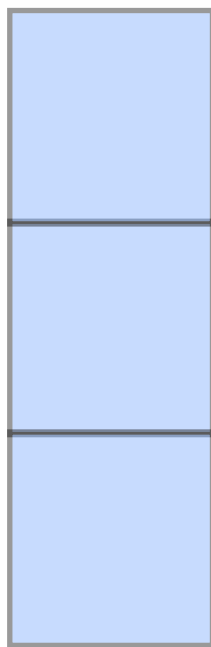
Series

values:

⋮

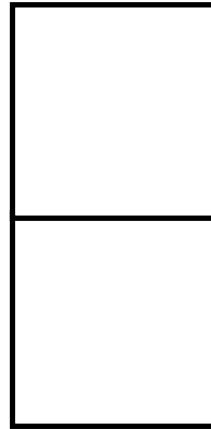
Series

index: values:



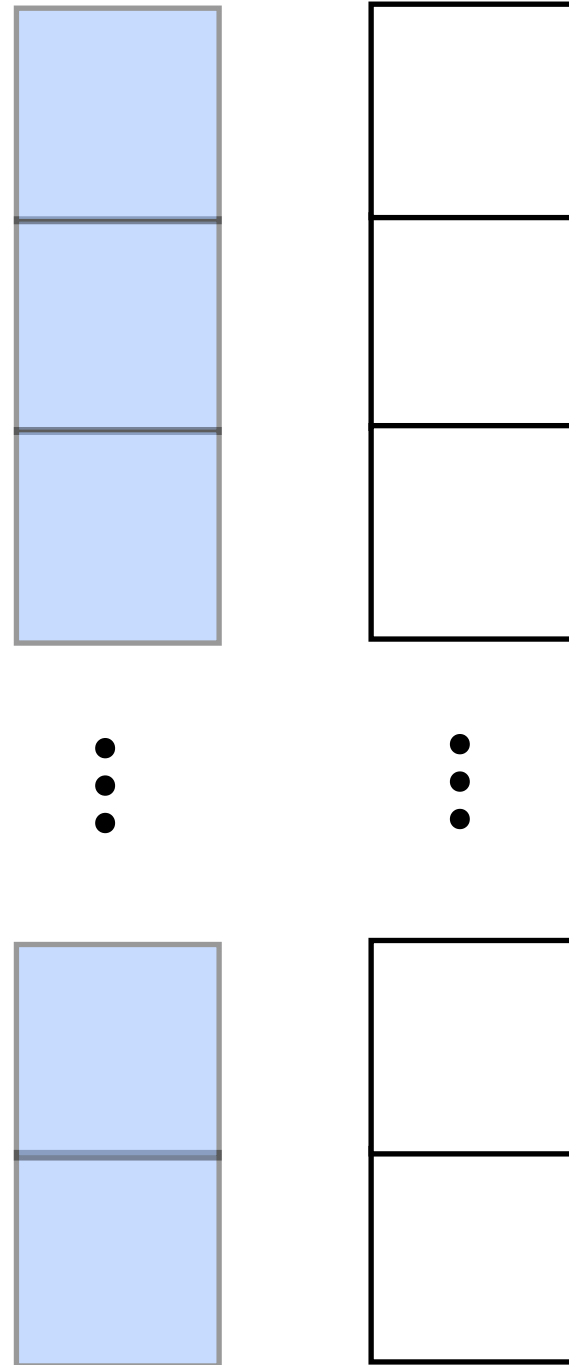
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DataFrame

index:



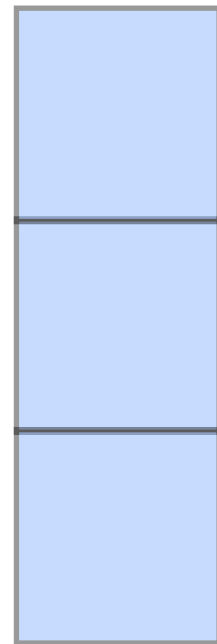
DataFrame

index:

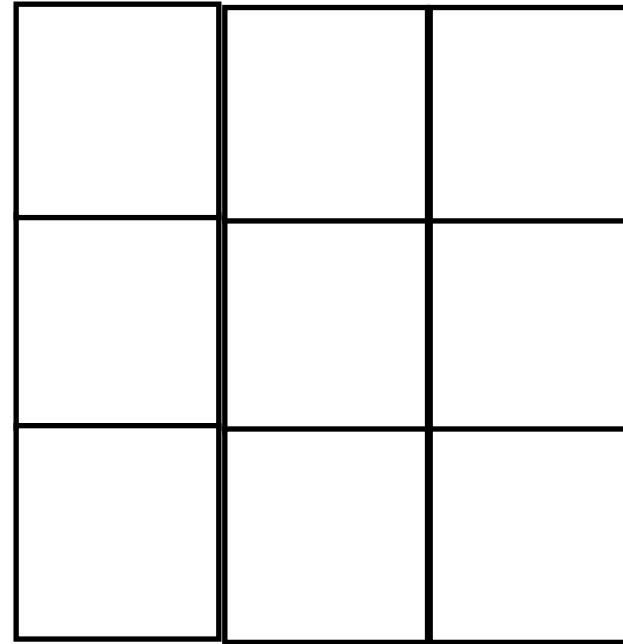
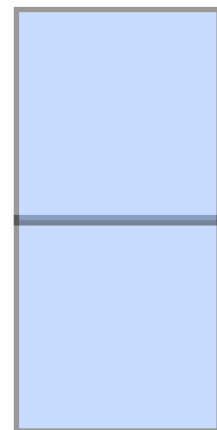
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DataFrame

index:



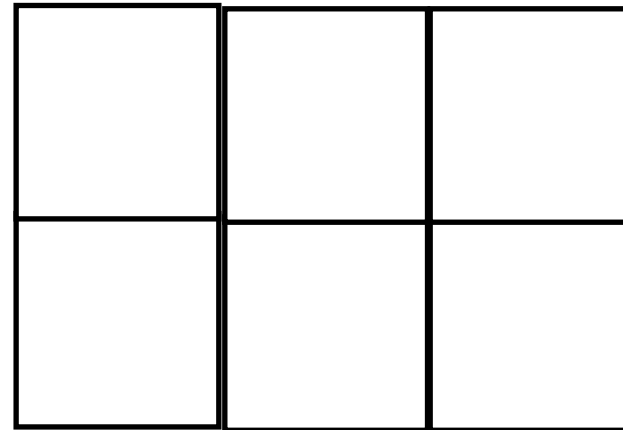
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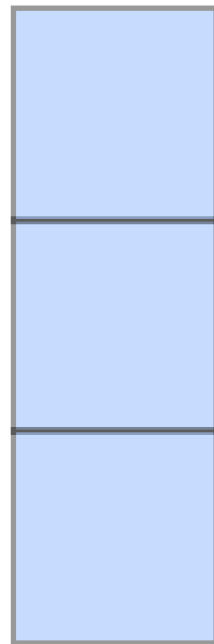
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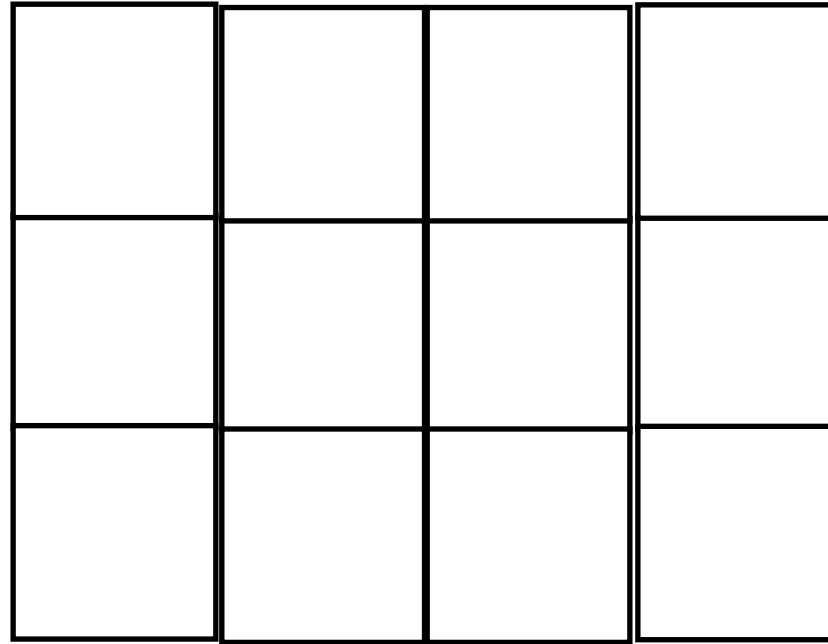
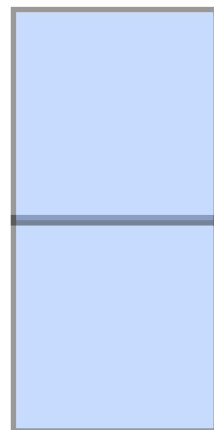


DataFrame

index:



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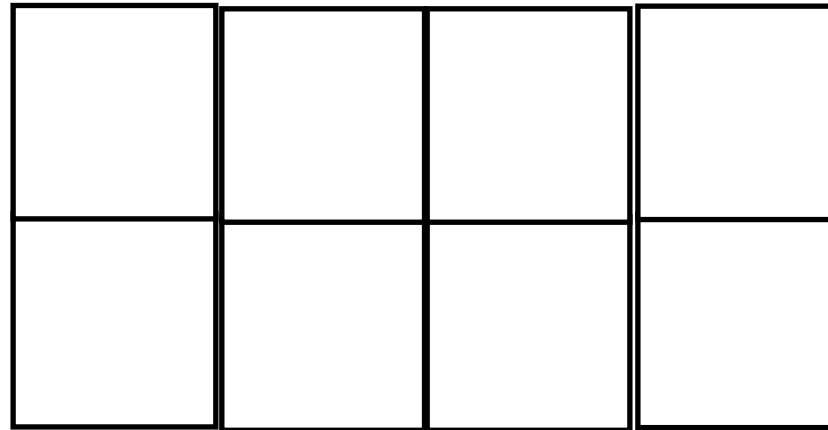


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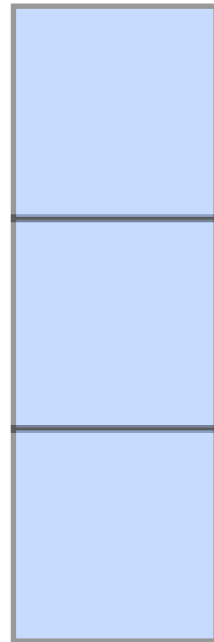
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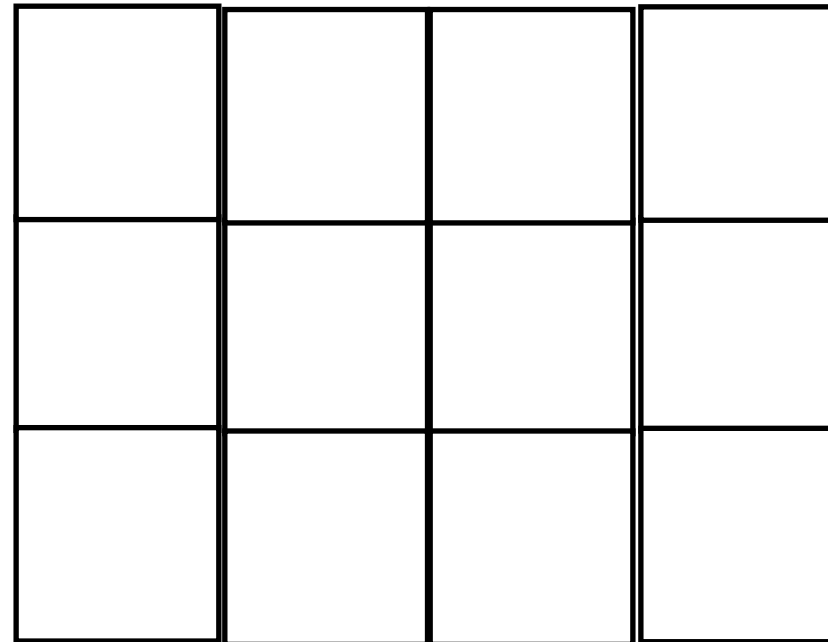
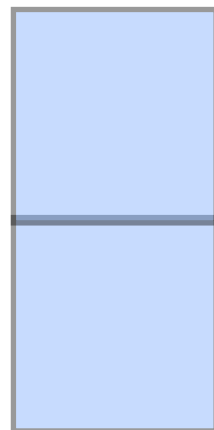


DataFrame

index:



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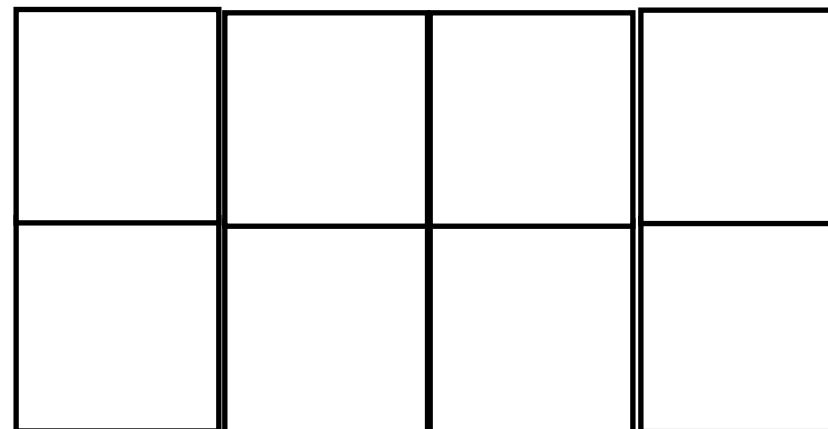


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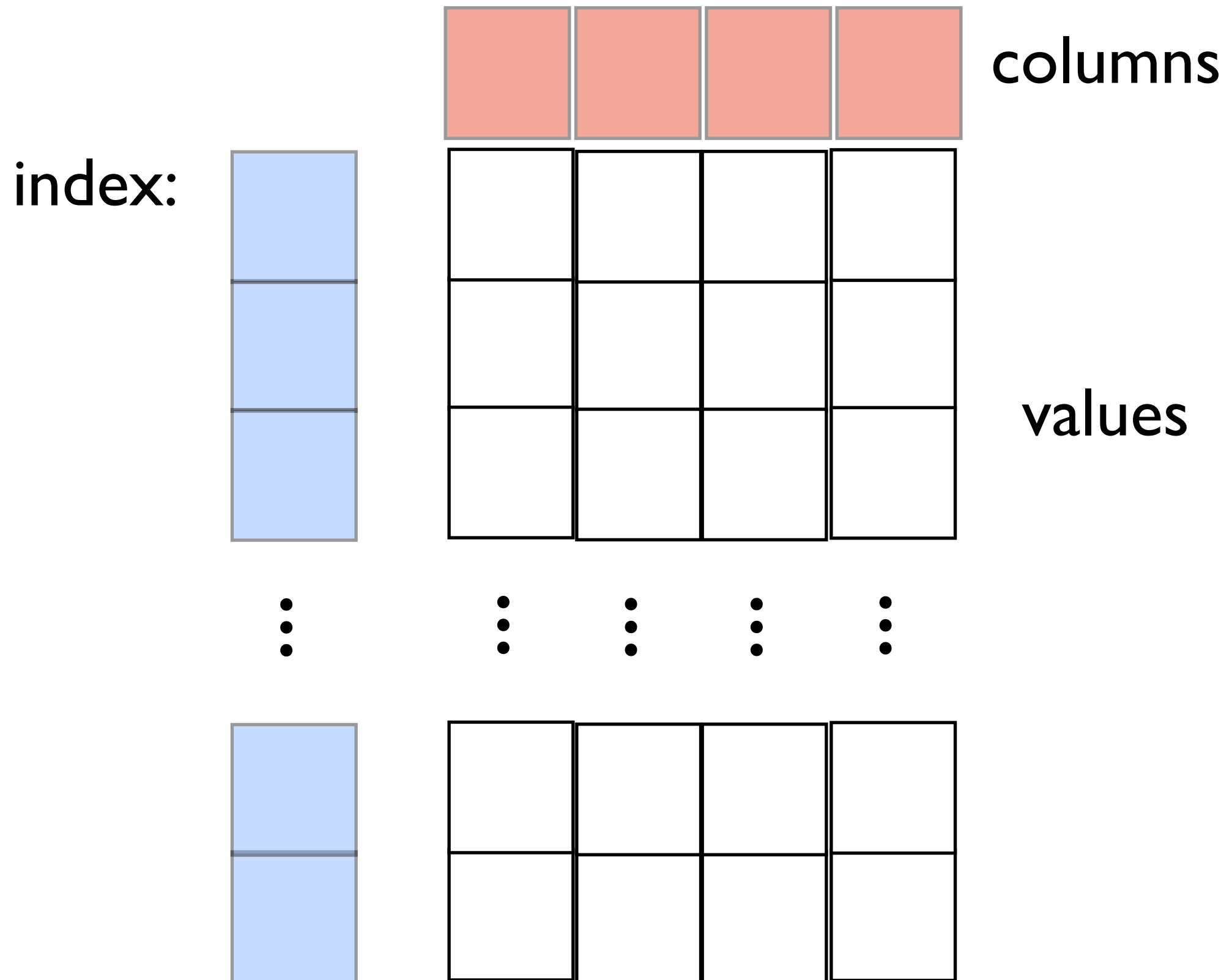
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values

DataFrame



Let's play.