

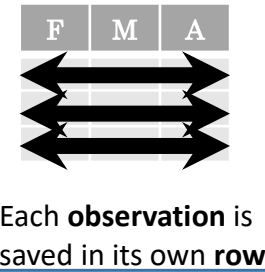
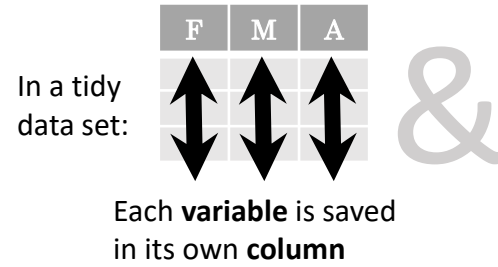
Data Wrangling

with pandas

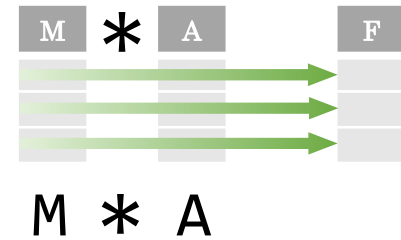
Cheat Sheet

<http://pandas.pydata.org>

Tidy Data – A foundation for wrangling in pandas

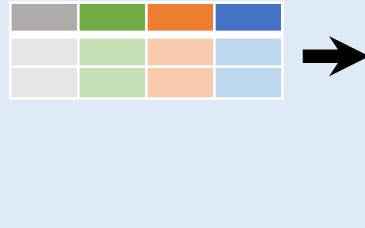


Tidy data complements pandas's **vectorized operations**. pandas will automatically preserve observations as you manipulate variables. No other format works as intuitively with pandas.



Syntax – Creating DataFrames

Reshaping Data – Change the layout of a data set



`pd.melt(df)`
Gather columns into rows.



`df.pivot(columns='variable',
values='value')`
Spread rows into columns.