Python For Data Science *Cheat Sheet*

Pandas

Learn Python for Data Science Interactively at www.DataCamp.com

Reshaping Data

Pivot

Advanced Indexing

Selecting

```
>>> df3.loc[:,(df3>1).any()]
>>> df3.loc[:,(df3>1).all()]
>>> df3.loc[:,df3.isnull().any()]
>>> df3.loc[:,df3.notnull().all()]
```
Select cols with any vals >1
Select cols with vals > 1
Select cols with NaN
Select cols without NaN

Indexing With isin

```
>>> df[(df.Country.isin(df2.Type))]
>>> df3.filter(items="a","b"])
>>> df.select(lambda x: not x%5)
```
Find same elements
Filter on values
Select specific elements

Combining Data

data1			*data2*	
X1	**X2**		**X1**	**X3**
a	11.432		a	20.784
b	1.303		b	NaN
c	99.906		d	20.784

Merge