

Agenda

- ▷ Multi-indexing
- ▷ Melting
- ▷ Pivot and Pivot-Table
- ▷ Binning

Multi-indexing

melt

id vars	wide-df
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melt

id- var	long df
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id
1

13:00 14:00

200

300

→

id
1
1

13:00

200

14:00

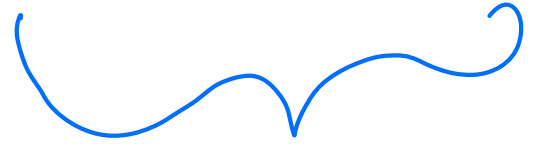
300

Pivot

index	
	long df

→
Pivot

index	
	wide-df ..



long-Format

wide-format

Binning

- Converting numerical Col into Categorical
- Very import ML pre-processing