

note: Series.loc[X] looks for label X in the **index**. Series.iloc[X] looks for the **int position** X. These names are confusing. iloc supports negative indexing.

Code:	storms.csv:
<pre>path = "storms.csv" tab = pd.read_csv(path)</pre>	name,year,type,speed,place alice,2016,tornado,100,o bob,2016,hurricane,200,p
<pre>map = DataFrame({ "code": ["o","p","a"], "where": ["other","Pacific","Atlantic"] })</pre>	cindy,2017,tornado,150,o dan,2018,tornado,300,o eve,2018,hurricane,250,a

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map["code"] map.code type(map.code), type(map.where) tab.year.mean() tab.year == 2018 tab.name[tab.year == 2018] map["where"] == "Atlantic" b = map["where"] == "other" # what are b, code, nms? code = map.code[b].item() nms = tab.name[tab.place==code]

tab.loc[0]
tab.loc[4, "type"]
map.loc[0,"where"] = "mainland" # what is place?
place = map["where"][0]
tab.loc[:, "speed"] += 1 # what is col?
col = tab.speed

note: s.COL is a shortcut for s["COL"], unless COL collides with a method name **also**: when a Series s contains exactly one one item, s.item() extracts it