

species

5		code	species		
	0	m	maple		
	1	р	pine		

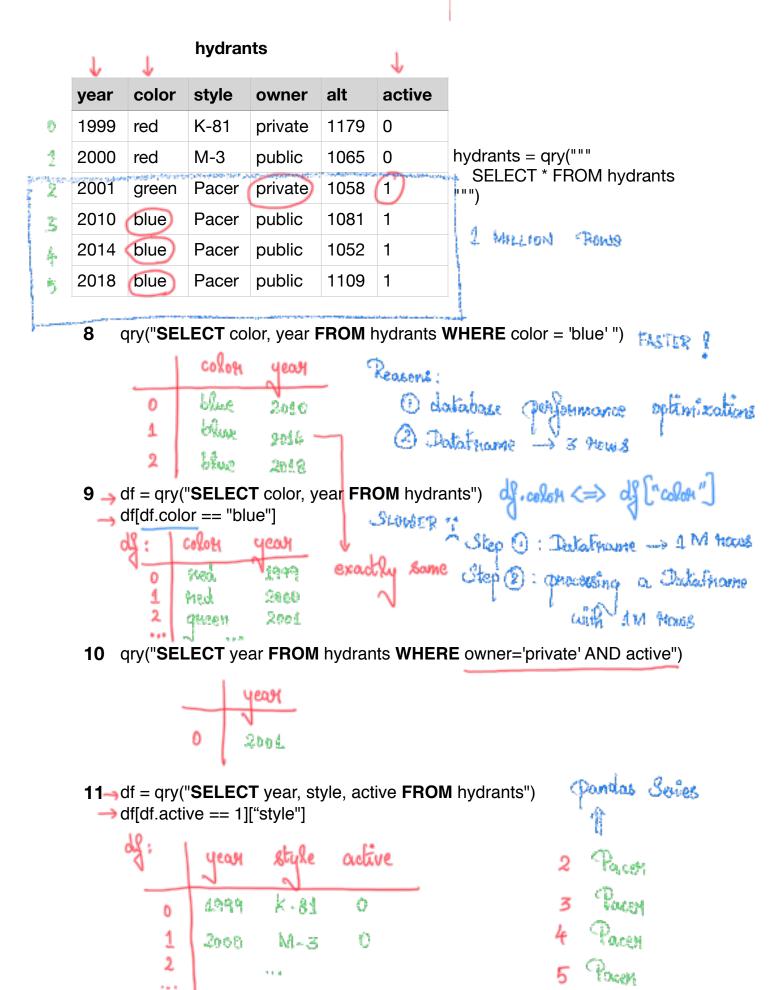
	tree	X	у	species	diameter	priority
0	Α	10	4	(m) (8	71
\rightarrow 1	В	20	4	m	10)	100
2	С	30	4((q	6	30
3	D	40	4	р	8	40
- Andrews	Е	50	4	m	12	99

6 qry("""SELECT COUNT(SPECIES) AS c1,

COUNT(DISTINCT SPECIES) as c2

FROM trees""")

	Species	count	Size	
0	m	3	10.0	
1	Ф	2	7.0	



hydrants

		year	color	style	owner	alt	active		
		1999	red	K-81	private	1179	0		
		2000	red	M-3	public	1065	0	hydrants = qry("""	
,	ura)	2001	green	Pacer	private	1058	1	SELECT * FROM hydrants """)	
		2010	blue	Pacer	public	1081	1	,	
		2014	blue	Pacer	public	1052	1		
		2018	blue	Pacer	public	1109	1		
COLUMN Series unique value counts from pandas Series Heturn value: Series index: unique value type: pandas Series blue 3 type: pandas Series list unique value 12 (hydrants["color"].value_counts()# convert to SQL value: count blue 3 type: pandas Series 13 qry("""SELECT color, COUNT(*) FROM hydrants									
			WHE	_			color"	"") -> ORDER BY in order	
color count (*) to dictate 410								to dictate 4000	
			0	blue 3				othdering	
			1	queen	1				
	14 qry("""SELECT color, COUNT(*) AS count FROM hydrants GROUP BY color HAVING count > 1""")								
				colon	cow 3	nt			
			0	blue	3				
			1	Hed	2				
15 qry("""SELECT color, COUNT(*) AS count FROM hydrants WHERE year >= 2000 GROUP BY color HAVING count < 2""") colon count gheen 1 1 ned 1									