

# Column Store Example

- After dictionary encoding

Sorted Dictionaries

Code size: 9	Code size: 5	Code size: 7
<b>sname</b>	<b>gpa</b>	<b>major</b>
Aaron	2.0	Aerospace
Alice	2.05	Biology
Andrew	2.1	Chemistry
Bob	2.2	Data Science
Bryan	...	Economics
Charlie	4.3	...
...		Veterinary
Winston		

510 31 83

Encoded Columns

sid	sname	gpa	major
1	000000001	11011	0000011
2	000000011	11001	0010110
3	100010110	10011	1000001
4	011101001	11110	0110110
5	000100110	01111	0101011
...	...	...	...
800	001010111	10101	0000011