Thanks for your interest in front-end engineering at Alation!

You should have received an attachment with code for a SuperTable Backbone view. Your goal is to improve it to match the spec on the right.

One of our favorite quotes is "good artists borrow, great artists steal": feel free to use resources and libraries online. Just cite sources.

Focus on functionality first. Then, if you have extra time, work on aesthetics.

If you want an extra challenge, try making the fields editable (like in Excel).

Please be prepared to walk us through your process and tell us how long this took you.

Thanks!
The Alation Team

P.S. Good luck!

Columns should be sortable

name			features				
prefix	first	last	gender	height	weight	age	has_nose
Mr.	Harry	Potter	m	70	140	19	TRUE
Ms.	Hermione	Granger	f	66	121	19	TRUE
NULL	Dobby	NULL	m	23	20	284	TRUE
Ms.	Luna	Lovegood	f	68	99	17	TRUE
NULL	Hagrid	NULL	m	108	553	45	TRUE
Dark Lord	Tom	Riddle	m	74	144	48	FALSE
"Moaning"	Myrtle	NULL	f	65	0	106	NULL
				average	average	sum	
				67.71	153.86	538	

Clicking an attribute should bring up a modal dialog pane that lets the user filter the rows by the value of that column.

For numeric columns, the user should also be able to specify the aggregation function