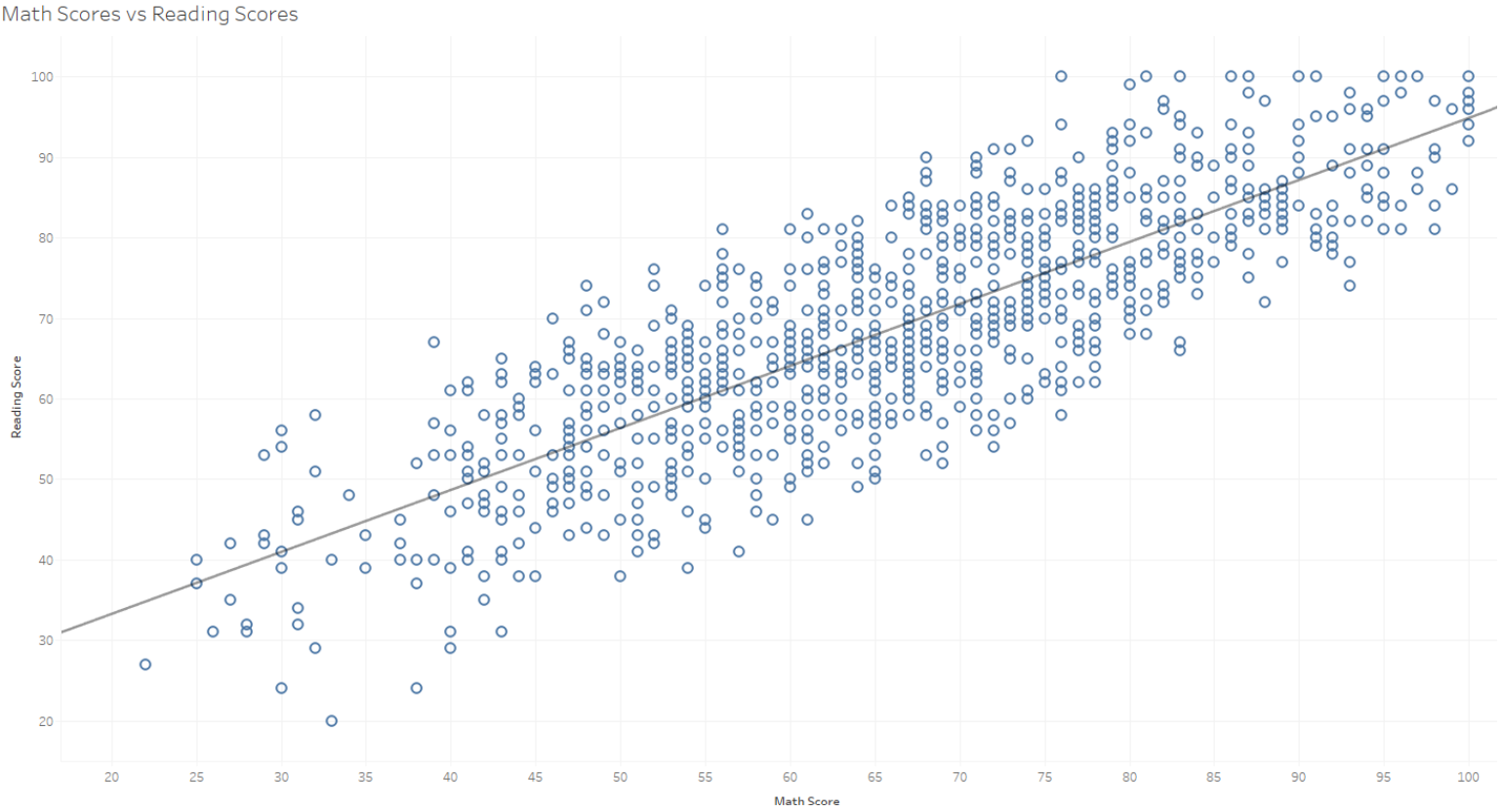
[Link to Tableau Public]



Trend Lines Model

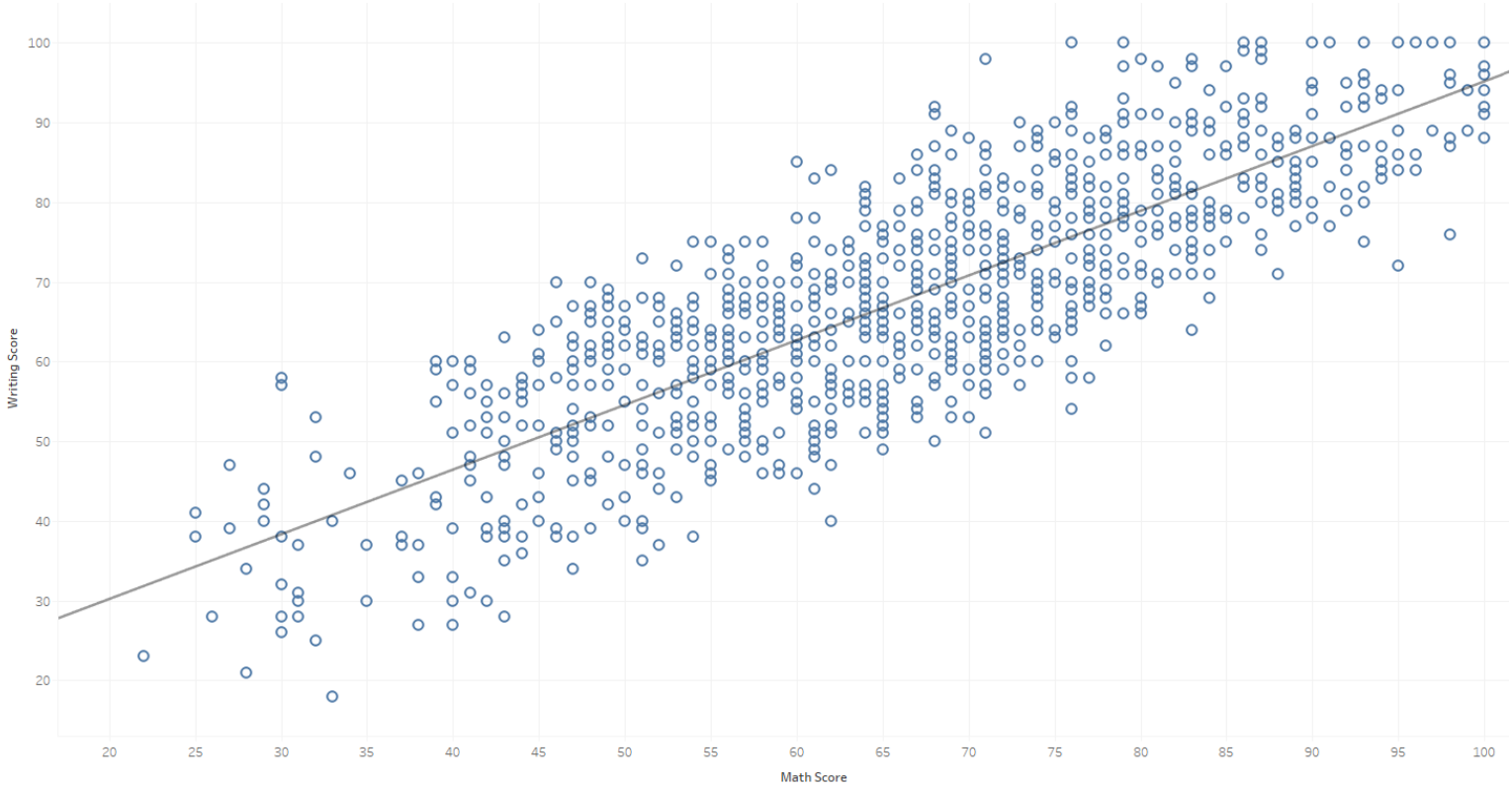
A linear trend model is computed for Reading Score given Math Score. The model may be significant at p <= 0.05.

Model formula:	(Math Score + intercept)
Number of modeled observations:	768
Number of filtered observations:	0
Model degrees of freedom:	2
Residual degrees of freedom (DF):	766
SSE (sum squared error):	59693.6
MSE (mean squared error):	77.9289
R-Squared:	0.671454
Standard error:	8.82774
p-value (significance):	< 0.0001

Individual trend lines:

Panes		Line		Coefficients				
Row	Column	p-value	DF	Term	Value	StdErr	t-value	p-value
Reading Score	Math Score	< 0.0001	766	Math Score	0.769801	0.019456	39.5662	< 0.0001
				intercept	17.8552	1.31687	13.5588	< 0.0001

Math Scores vs Writing Scores



Trend Lines Model

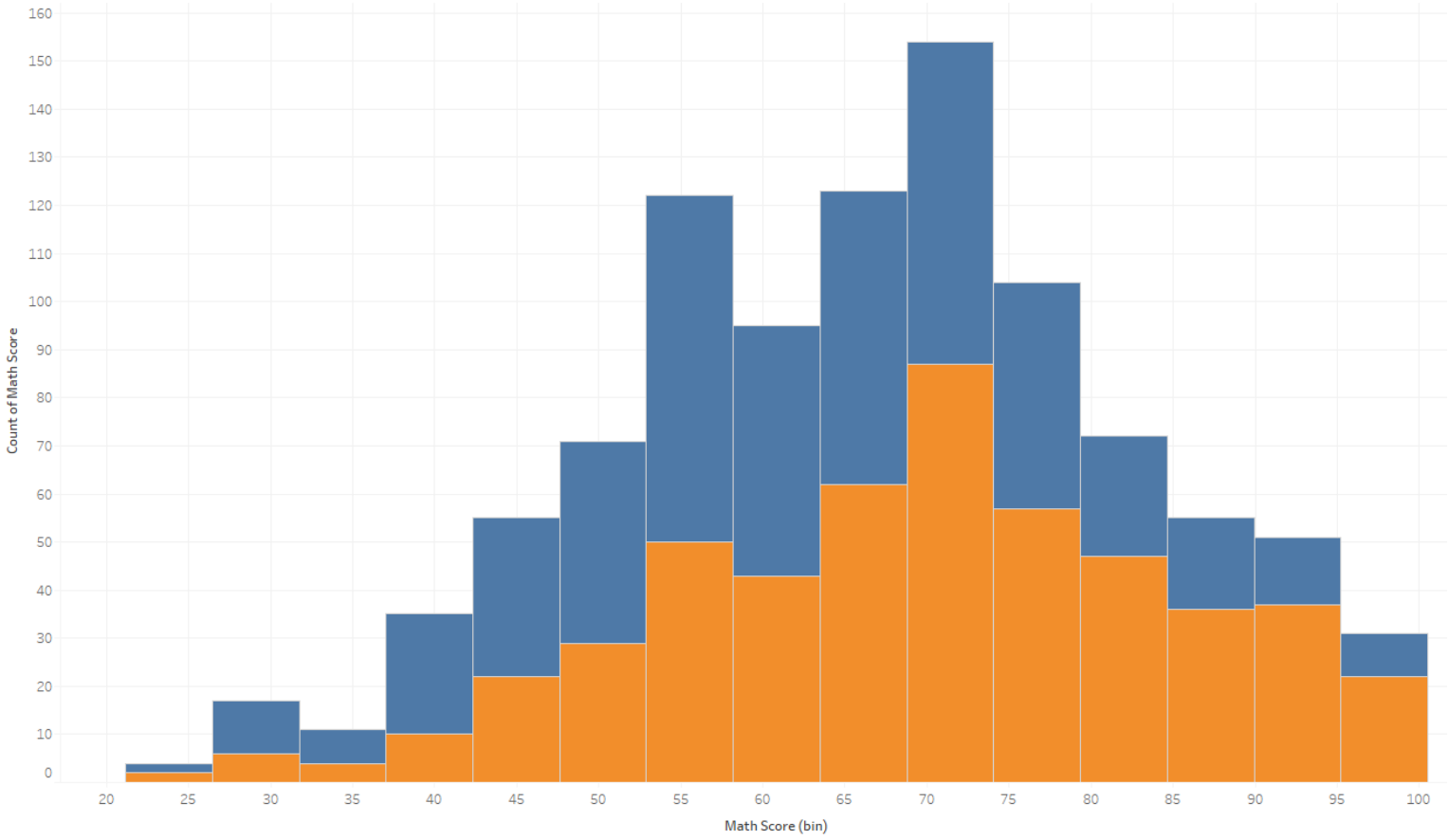
A linear trend model is computed for Writing Score given Math Score. The model may be significant at p <= 0.05.

Model formula:	(Math Score + intercept)
Number of modeled observations:	775
Number of filtered observations:	0
Model degrees of freedom:	2
Residual degrees of freedom (DF):	773
SSE (sum squared error):	67377.8
MSE (mean squared error):	87.1641
R-Squared:	0.670976
Standard error:	9.33617
p-value (significance):	< 0.0001

Individual trend lines:

Panes		Line		Coefficients				
Row	Column	p-value	DF	Term	Value	StdErr	t-value	p-value
Writing Score	Math Score	< 0.0001	773	Math Score	0.812112	0.0204544	39.7036	< 0.0001
				intercept	13.9396	1.38649	10.0539	< 0.0001

Math Scores Distribution



Math Score Distribution by Lunch