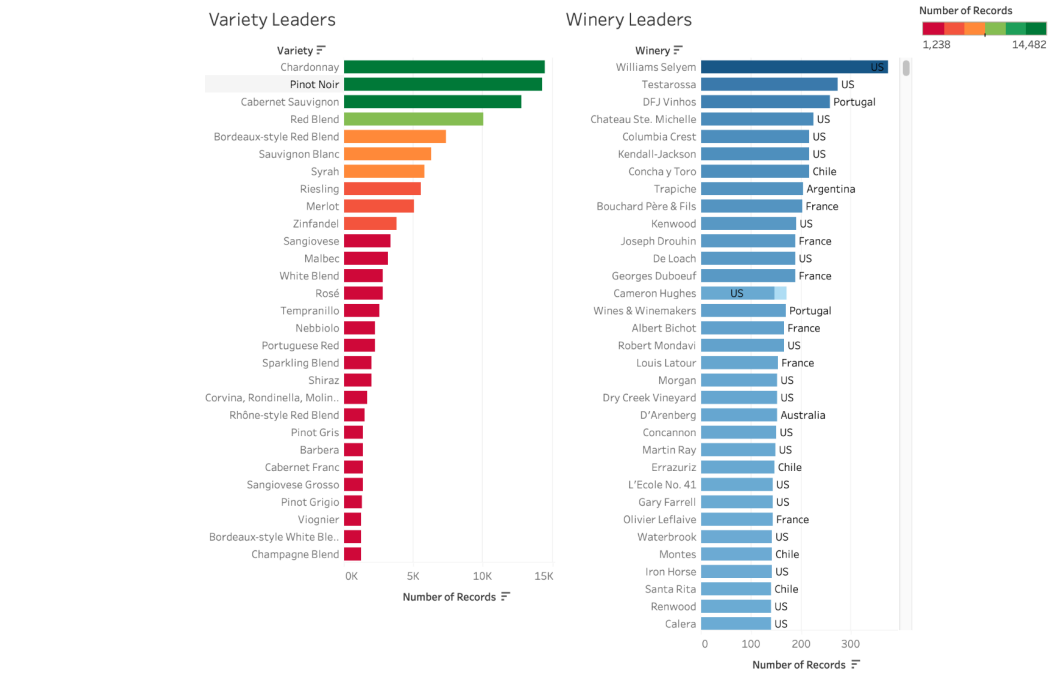
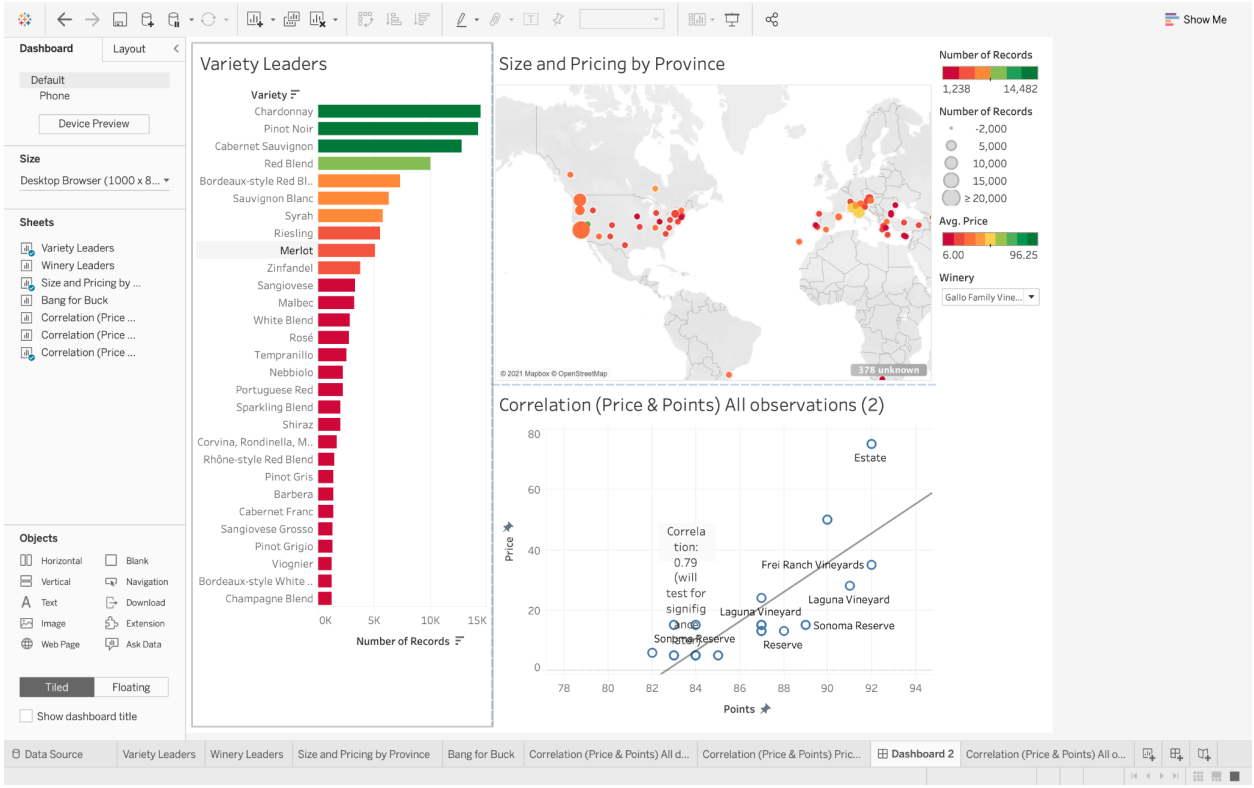
WINE: VIDEO 1 VISUALLY EXPLORING WINERY DATA



WINE: VIDEO 2 VARIOUS CORRELATIONS FROM WINE DATA



Sheet 2

Variable2	Variable1 Age	PCT	Salary	TD
Age	1.0000	0.4912	0.3302	0.3798
PCT	0.4912	1.0000	0.3912	0.8909
Salary	0.3302	0.3912	1.0000	0.5463
TD	0.3798	0.8909	0.5463	1.0000

AGG(Correlation Coeffi...
0.3302 1.0000

Options

Sheet 1 Sheet 2

Standard Show Me

Data Analytics

Summarize
Constant Line
Average Line
Median with Quartiles
Box Plot
Totals

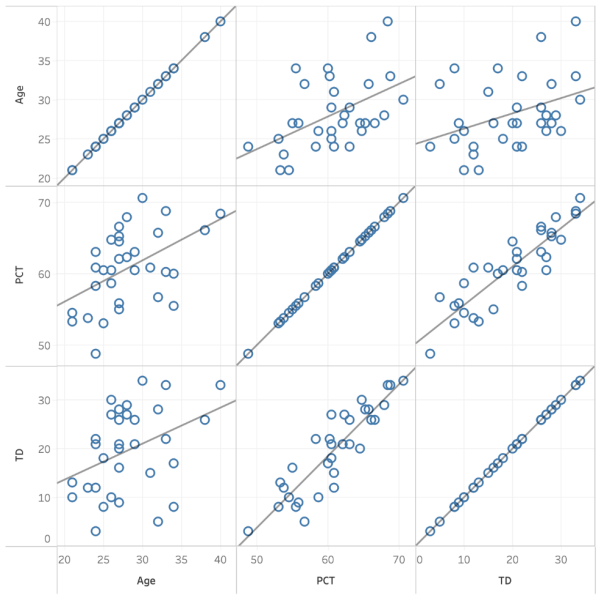
Model
Average with 95% CI
Median with 95% CI
Trend Line
Forecast
Cluster

Custom
Reference Line
Reference Band
Distribution Band
Box Plot

Pages
Filters
Marks
All
SUM(Age)
SUM(PCT)
SUM(TD)
Automatic
Color Size Label
Detail Tooltip Shape

Columns Age PCT TD
Rows Age PCT TD

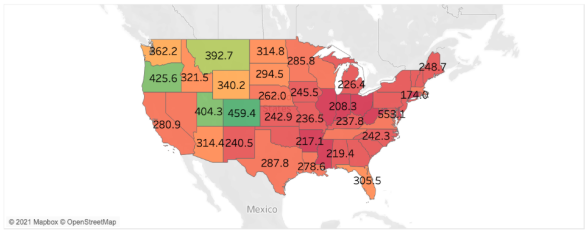
Sheet 1



Data Source Sheet 1

288 marks 3 rows by 3 columns SUM(Age): 8,118

US HPI over time - 2018



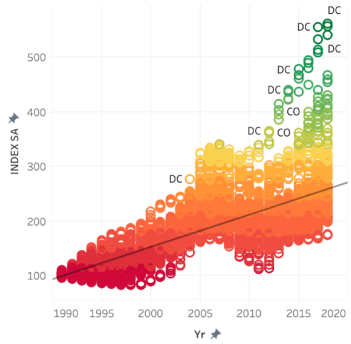
Using the Chow Test statistic Formula:

$$F_{CHOW} = \frac{\frac{[SSE_{pooled} - (SSE_1 - SSE_2)]}{k}}{\frac{(SSE_1 + SSE_2)}{n_1 + n_2 + k}}$$

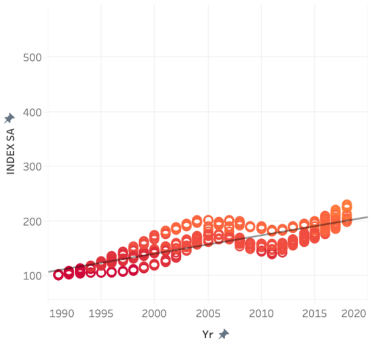
p-value is found to be less than significance level.

Which means we can conclude that the original dataset should be split into 2 datasets.

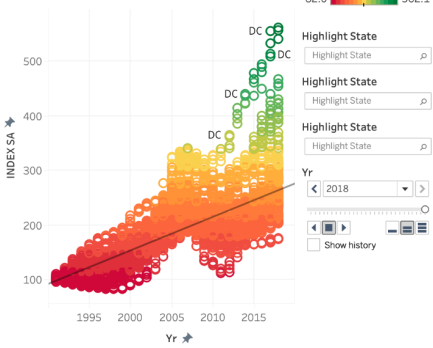
All States HPI by year



Rustbelt States HPI by year



NON Rustbelt States HPI by year



JS HPI over time | All States HPI by year | Rustbelt States HPI by year | NON Rustbelt States HPI by year | Dashboard 1