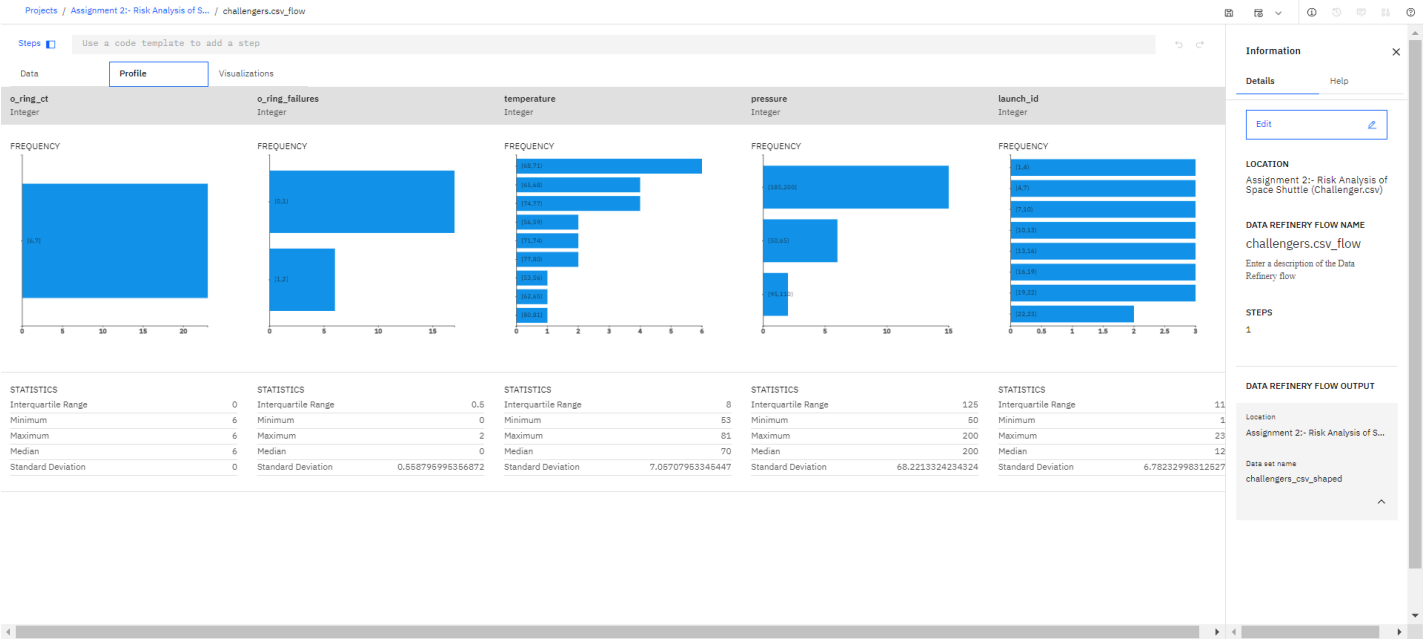
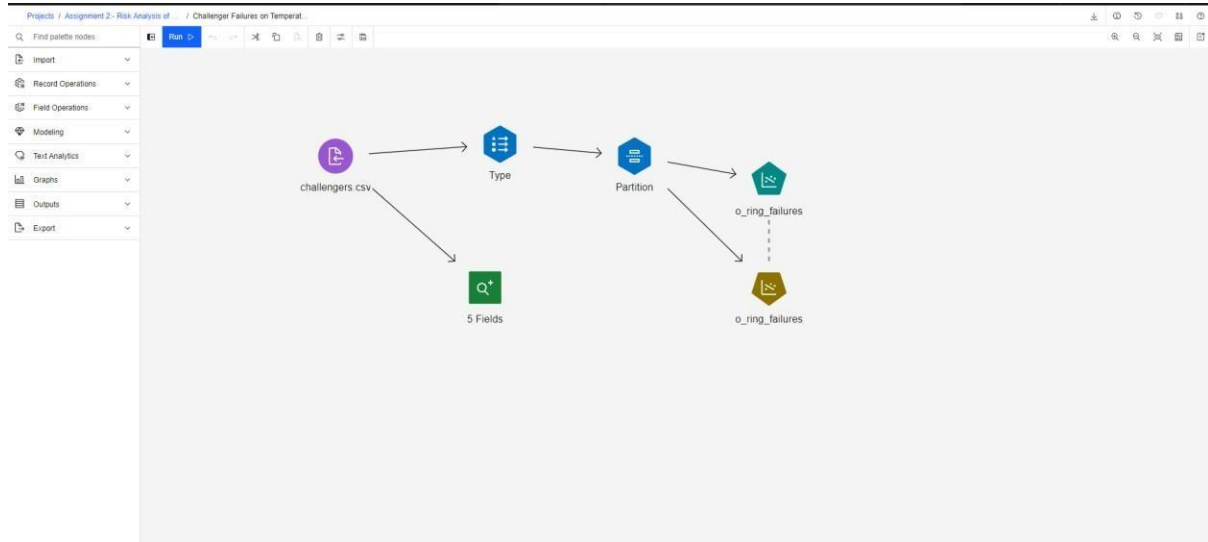


Data Refinery Flow



SPSS Modular Flow



View Output: 5 Fields

Field	Graph	Measurement	Min	Max	Mean	Std. Dev	Skewness	Unique	Valid
1 o_ring_ct		Continuous	6	6	6	0	—	—	23
2 o_ring_failures		Continuous	0	2	0.304	0.559	1.735	—	23
3 temperature		Continuous	53	81	69.565	7.957	-0.654	—	23
4 pressure		Continuous	50	200	152.174	68.221	-0.791	—	23
5 launch_id		Continuous	1	23	12	6.782	0	—	23

Field	Measurement	Outliers	Extremes	Action	Impute Missing	Method	% Complete	Valid Records	Null Value	Empty String	White Space	Blank Value
1 o_ring_ct	Continuous	0	0	None	Never	Fixed	100.000	23	0	0	0	0
2 o_ring_failures	Continuous	1	0	None	Never	Fixed	100.000	23	0	0	0	0
3 temperature	Continuous	0	0	None	Never	Fixed	100.000	23	0	0	0	0
4 pressure	Continuous	0	0	None	Never	Fixed	100.000	23	0	0	0	0
5 launch_id	Continuous	0	0	None	Never	Fixed	100.000	23	0	0	0	0

View-Model

View Model: o_ring_failures	
Regression	Model Summary
EVALUATION	
Model Summary	
ANOVA	
Coefficients	
MODEL VIEWER	
Build Settings	
Training Summary	

	1
R	0.766 (1)
R Square	0.587
Adjusted R Square	0.561
Std. Error of the Estimate	0.402

17 Predictors: (Constant), (N=1), temperature

View Model: o_ring_failures

Regression	ANOVA
EVALUATION	
Model Summary	
ANOVA	
Coefficients	
MODEL VIEWER	
Build Settings	
Training Summary	

	1		
	Regression	Residual	Total
Sum of Squares	3.686	2.592	6.278
df	1.000	16.000	17.000
Mean Square	3.686	0.162	
F	22.738		
Sig.	0.000		

View Model: o_ring_failures	
Regression	Coefficients
EVALUATION	
Model Summary	
ANOVA	
Coefficients	
MODEL VIEWER	
Build Settings	
Training Summary	

		1	
		(Constant)	temperature
Unstandardized Coefficients	B	4.579	-.0.060
	Std. Error	0.893	0.013
Standardized Coefficients		Beta	-.4.766
t		5.113	-4.770
Sig.		0.000	0.000
Fraction Missing Info.			
Relative Increase Variance			
Relative Efficiency			