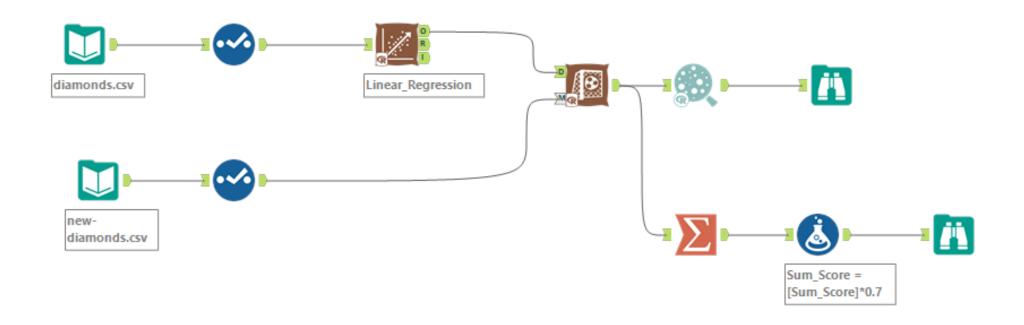


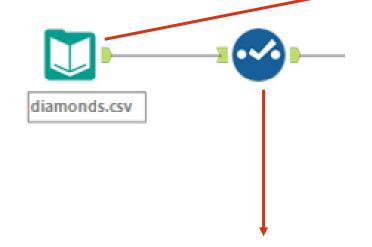
DIAMOND
PRICES
ANALYSIS

Using Alteryx

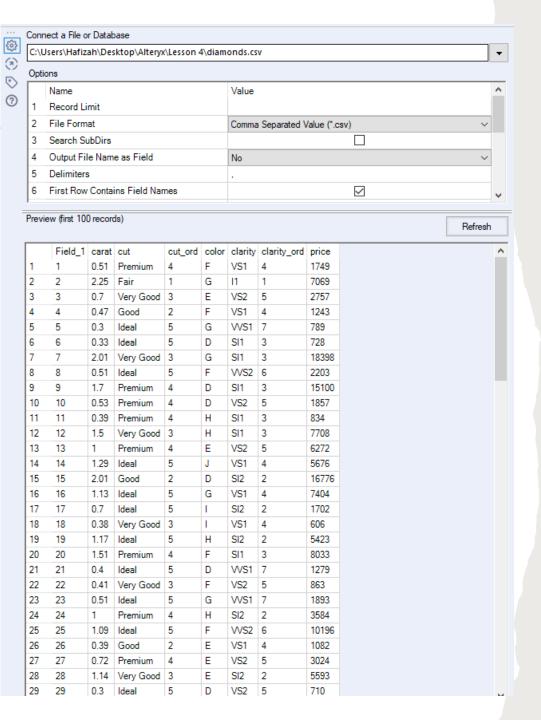
WORKFLOW



STEP 1: TRAIN DATA

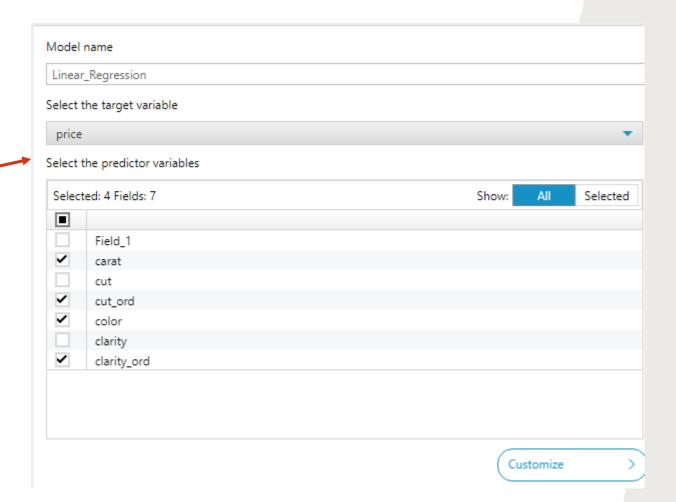


		Field	Туре		Size	Rename	Description
•		Field_1	V_String	Ŧ	254		
	\checkmark	carat	Double	•	8		
	~	cut	V_String	•	254		
	\checkmark	cut_ord	Double	•	8		
	$\overline{\mathbf{x}}$	color	V_String	•	254		
	\checkmark	clarity	V_String	•	254		
	$\overline{\mathbf{x}}$	clarity_ord	Double	•	8		
	$\overline{\mathbf{v}}$	price	Double	•	8		
		*Unknown	Unknown	•	0		Dynamic or Unknown Fields

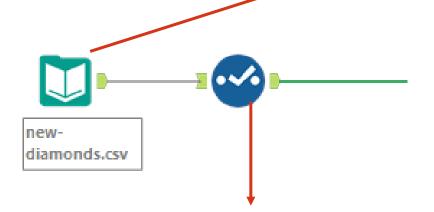


STEP 2: MODEL





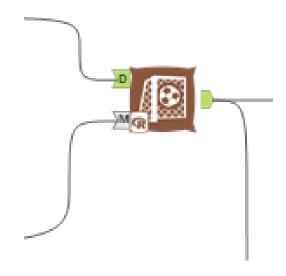
STEP 3: TEST DATA

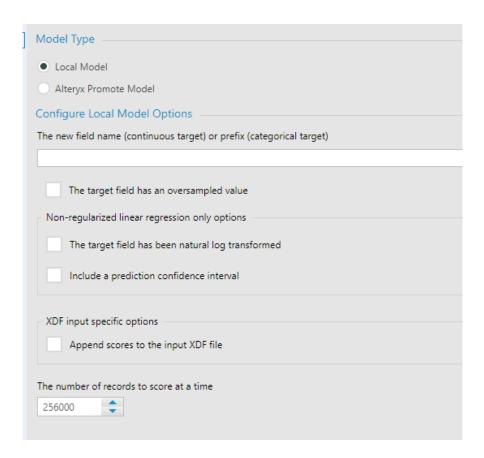


		Field	Туре		Size	Rename	Description
▶		Field_1	V_String	~	254		
	\checkmark	carat	Double	•	8		
	~	cut	V_String	•	254		
	\checkmark	cut_ord	Double	•	8		
	\checkmark	color	V_String	•	254		
	\checkmark	clarity	V_String	•	254		
	~	clarity_ord	Double	•	8		
	~	*Unknown	Unknown	•	0		Dynamic or Unknown Fields

Dat	a (6) - Conf	igurati	on					
Conr	nect a File o	r Datab	oase					
C:\l	Jsers\Hafiz	ah\De	sktop\Altery>	\Lesson 4	4\new-	diamon	ds.csv	
Opti	ions							
Г	Name					Value		
1	Record Li	mit						
2	File Form					Comma	Separated \	/alue (* csv)
—	Search S					Commi	Сорынос	
4			e as Field			No		
5	Delimiters		ic do i loid					
6			ins Field Nar					
ľ	FIRST NOW	Conta	ins rield ivar	nes				
Previ	iew (first 10	0 recon	ds)					
	, , ,		,					F
	Field_1	carat	cut	cut_ord	color	clarity	clarity_ord	
1	1	1.22	Premium	4	G	SI1	3	
2	2	1.01	Good	2	G	VS2	5	
3	3	0.71	Very Good	3	1	VS2	5	
4	4	1.01	Ideal	5	D	SI2	2	
5	5	0.27	Ideal	5	Н	VVS2	6	
6	6	0.52	Premium	4	G	VS1	4	
7	7	1.01	Premium	4	F	SI1	3	
8	8	0.59	Ideal	5	D	SI1	3	
9	9	1.01	Good	2	E	SI1	3	
10	10	2.03	Ideal	5	F	SI2	2	
11	11	1.35	Premium	4	Н	VS2	5	
12	12	0.74	Ideal	5	G	SI1	3	
13	13	0.9	Premium	4	D	SI1	3	
14	14	0.3	Good	2	G	VS2	5	
15	15	1.01	Good	2	F	VS2	5	
16	16	1.02	Good	2	Н	SI2	2	
17	17	2.05	Premium	4	G	SI1	3	
18	18	0.54	Ideal	5	1	SI1	3	
19	19	0.72	Ideal	5	G	VS2	5	
20	20	2	Premium	4	J	SI2	2	
21	21	1.57	Premium	4	G	SI2	2	
22	22	0.89	Premium	4	G	SI1	3	
23	23	0.33	Premium	4	I_	VVS2	6	
24	24	0.3	Very Good		G	IF	8	
25	25	1.79	Very Good		1	VS2	5	
26	26	1.11	Ideal	5	E	SI2	2	
27	27	0.79	Premium	4	F	SI1	3	
28	28	0.71	Very Good		F	SI1	3	
29	29	0.73	Ideal	5	G	SI1	3	

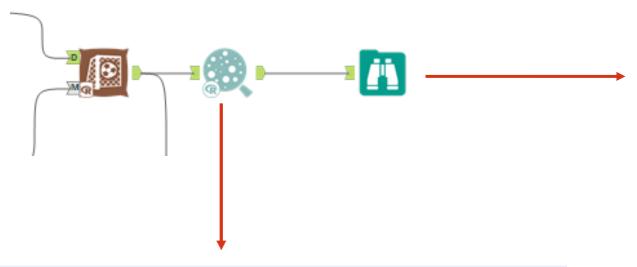
STEP 4: SCORE TOOL

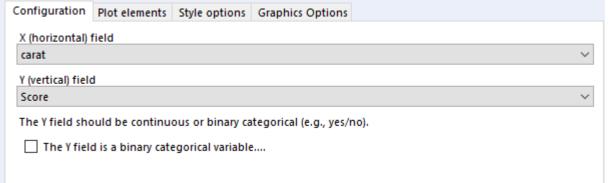


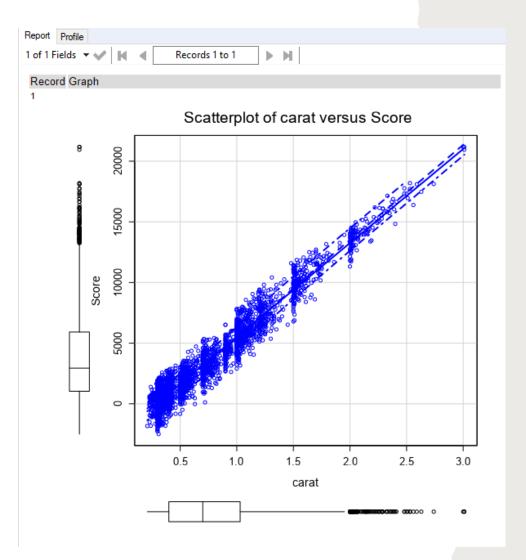


8 of 8 Fields ▼ ✓ Cell Viewer ▼ 3,000 records displayed ↑ ↓										
Record	Field_1	carat	cut	cut_ord	color	clarity	clarity_ord	Score		
1	1	1.22	Premium	4	G	SI1	3	7,213.018564		
2	2	1.01	Good	2	G	VS2	5	6,027.359861		
3	3	0.71	Very Good	3	1	VS2	5	2,659.717162		
4	4	1.01	Ideal	5	D	SI2	2	5,526.012885		
5	5	0.27	Ideal	5	Н	VVS2	6	32.230452		
6	6	0.52	Premium	4	G	VS1	4	1,572.784831		
7	7	1.01	Premium	4	F	SI1	3	5,544.914185		
8	8	0.59	Ideal	5	D	SI1	3	2,335.690656		

STEP 5: SCATTER PLOT







STEP 6: SUM & MARGIN

