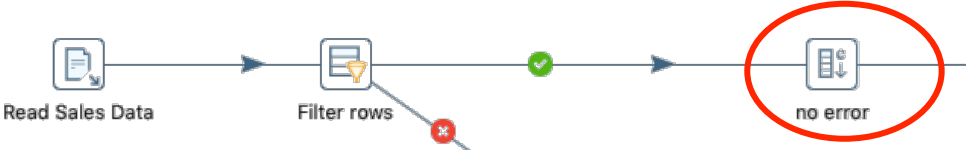


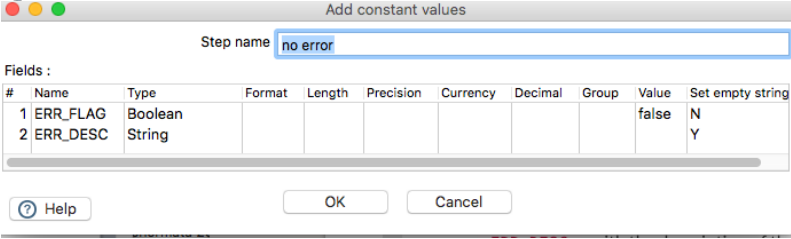


Fixing data that doesn't match the rules

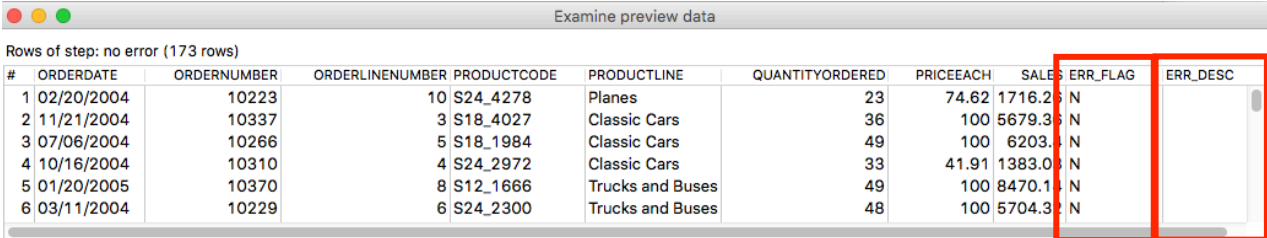
- Example `sales_data.csv`: we mark invalid code of products with `<invalid>`

Main Stream: 

Inserted **Add Constant Value** step



#	Name	Type	Format	Length	Precision	Currency	Decimal	Group	Value	Set empty string
1	ERR_FLAG	Boolean							false	N
2	ERR_DESC	String								Y



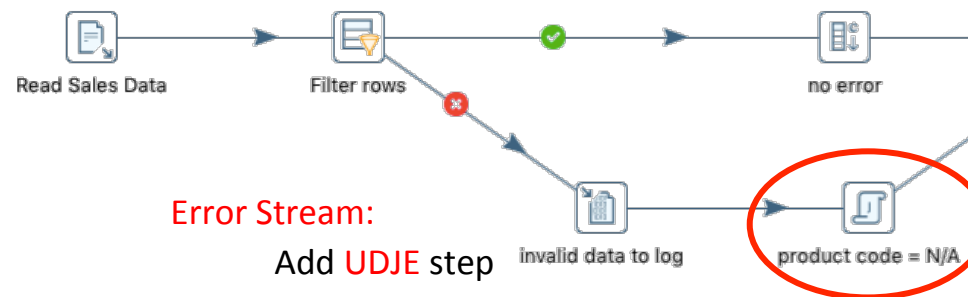
#	ORDERDATE	ORDERNUMBER	ORDERLINENUMBER	PRODUCTCODE	PRODUCTLINE	QUANTITYORDERED	PRICEEACH	SALES	ERR_FLAG	ERR_DESC
1	02/20/2004	10223	10	S24_4278	Planes	23	74.62	1716.26	N	
2	11/21/2004	10337	3	S18_4027	Classic Cars	36	100	5679.36	N	
3	07/06/2004	10266	5	S18_1984	Classic Cars	49	100	6203.00	N	
4	10/16/2004	10310	4	S24_2972	Classic Cars	33	41.91	1383.03	N	
5	01/20/2005	10370	8	S12_1666	Trucks and Buses	49	100	8470.00	N	
6	03/11/2004	10229	6	S24_2300	Trucks and Buses	48	100	5704.32	N	

Close



Fixing data that doesn't match the rules

- Example `sales_data.csv`: we mark invalid code of products with `<invalid>`



User Defined Java Expression

Step name: `product code = N/A`

Fields:

#	New field	Java expression	Value type	Length	Precision	Replace value
1	PRODUCTCODE	"N/A"	String			PRODUCTCODE
2	ERR_FLAG	true	Boolean			
3	ERR_DESC	"Invalid product co..."	String			

Buttons: Help, OK, Cancel

Examine preview data

Rows of step: product code = N/A (27 rows)

#	ORDERDATE	ORDERNUMBER	ORDERLINENUMBER	PRODUCTCODE	PRODUCTLINE	QUANTITYORDERED	PRICEEACH	SALES	ERR_FLAG	ERR_DESC
1	06/16/2003	10131	2	N/A	Planes	26	85.13	2213.38	Y	invalid product code
2	12/04/2004	10353	4	N/A	Planes	48	68.8	3302.4	Y	invalid product code
3	03/30/2005	10398	7	N/A	Ships	36	100	3910.32	Y	invalid product code
4	10/06/2003	10155	3	N/A	Planes	44	85.87	3778.28	Y	invalid product code
5	06/15/2004	10258	1	N/A	Classic Cars	45	80.92	3641.4	Y	invalid product code

Buttons: Close



Fixing data that doesn't match the rules

- Example `sales_data.csv`: we mark invalid code of products with `<invalid>`



Examine preview data

Rows of step: Preview! (200 rows)

#	ORDERDATE	ORDERNUMBER	ORDERLINENUMBER	PRODUCTCODE	PRODUCTLINE	QUANTITYORDERED	PRICEEACH	SALES	ERR_FLAG	ERR_DESC
1...	03/19/2004	10231	2	S12_1108	Classic Cars	42	100	8378.58	N	
1...	09/09/2004	10293	6	S18_3259	Trains	22	100	2418.24	N	
1...	06/16/2003	10131	2	N/A	Planes	26	85.13	2213.38	Y	Invalid product code
1...	12/04/2004	10353	4	N/A	Planes	48	68.8	3302.4	Y	Invalid product code
1...	03/30/2005	10398	7	N/A	Ships	36	100	3910.32	Y	Invalid product code

Close