

Iterations 9 - 17

Show

copper model datascience project

1.1 copper model dataset:

	quantity tons	customer	country	status	item type	application	thickness
0	54.1511	30,156,308	28	Won	W	10	2
1	768.0248	30,202,938	25	Won	W	41	0.8
2	386.1279	30,153,963	30	Won	WI	28	0.38
3	202.4111	30,349,574	32	Won	S	59	2.3
4	785.5263	30,211,560	28	Won	W	10	4
5	225.7907	30.202.938	25	Won	W	41	1.5

1.2 number of data points:

181673

2.1 Iteration 1:

[click here](#)

2.2 Iteration 2:

iteration:

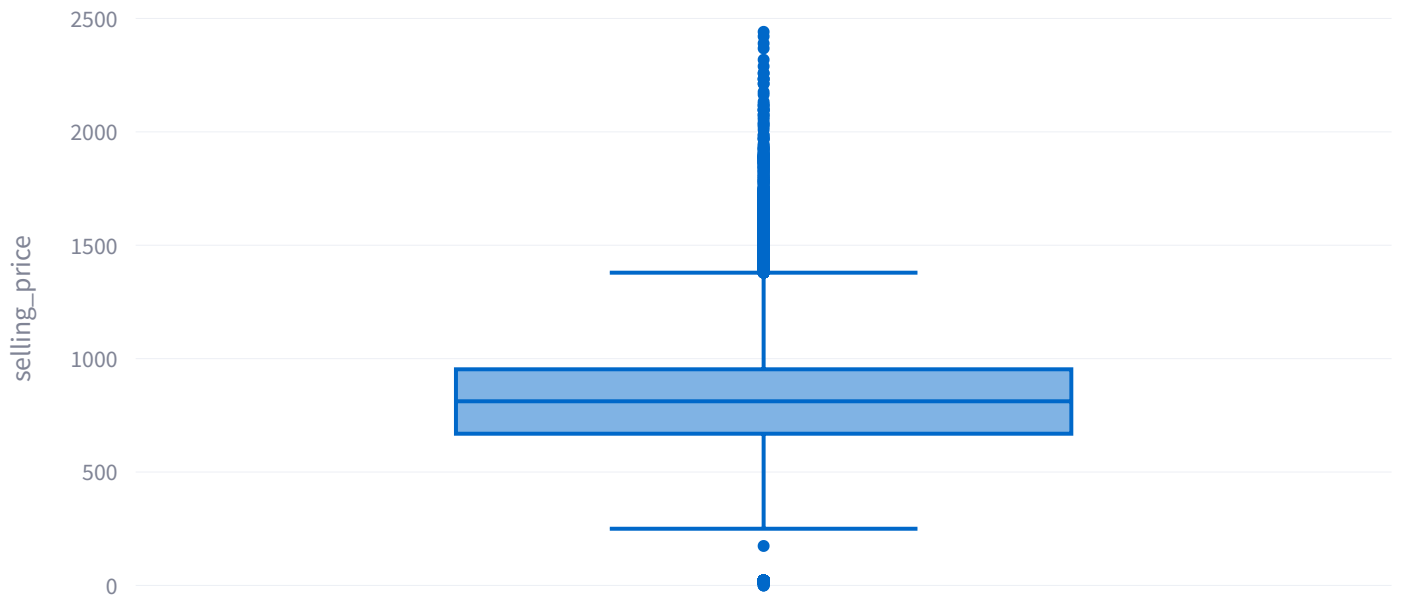
second

▼



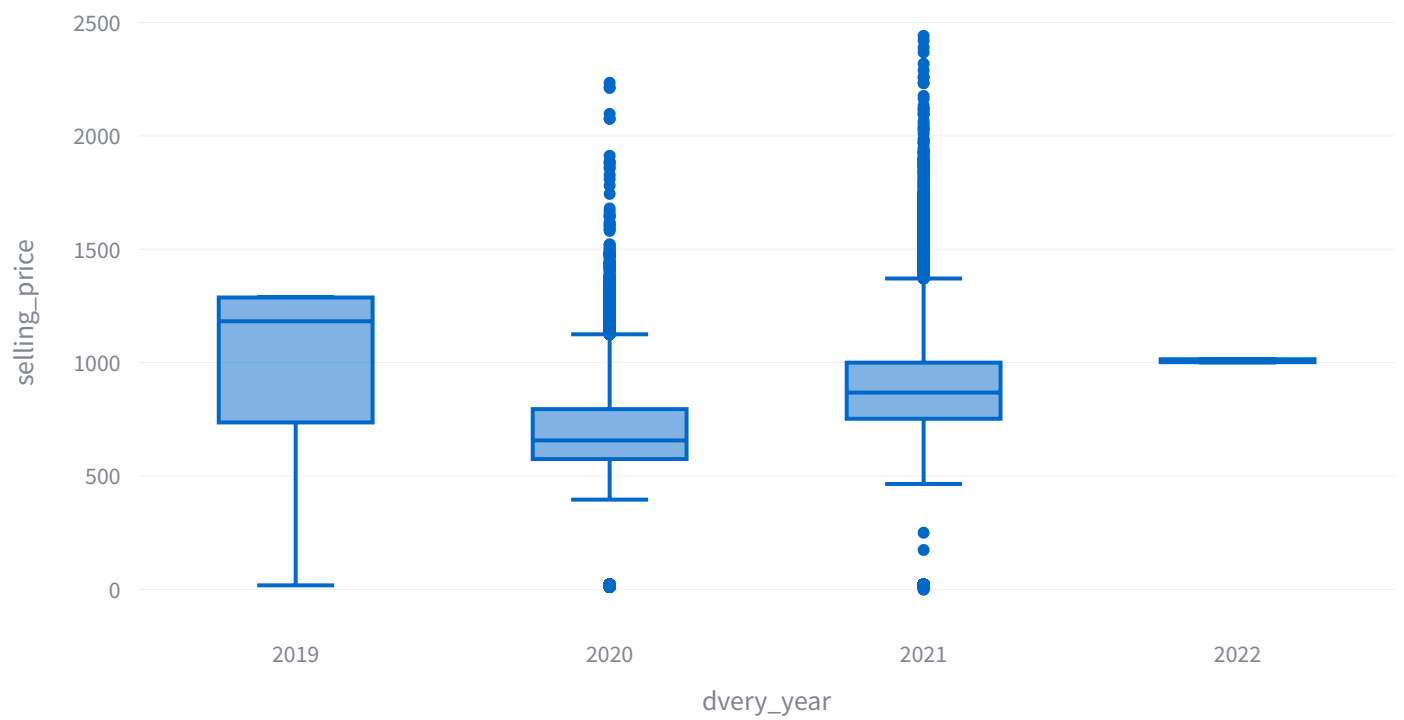
2.3 Iteration 3:

☐ iteration 3



2.4 Iteration 4:

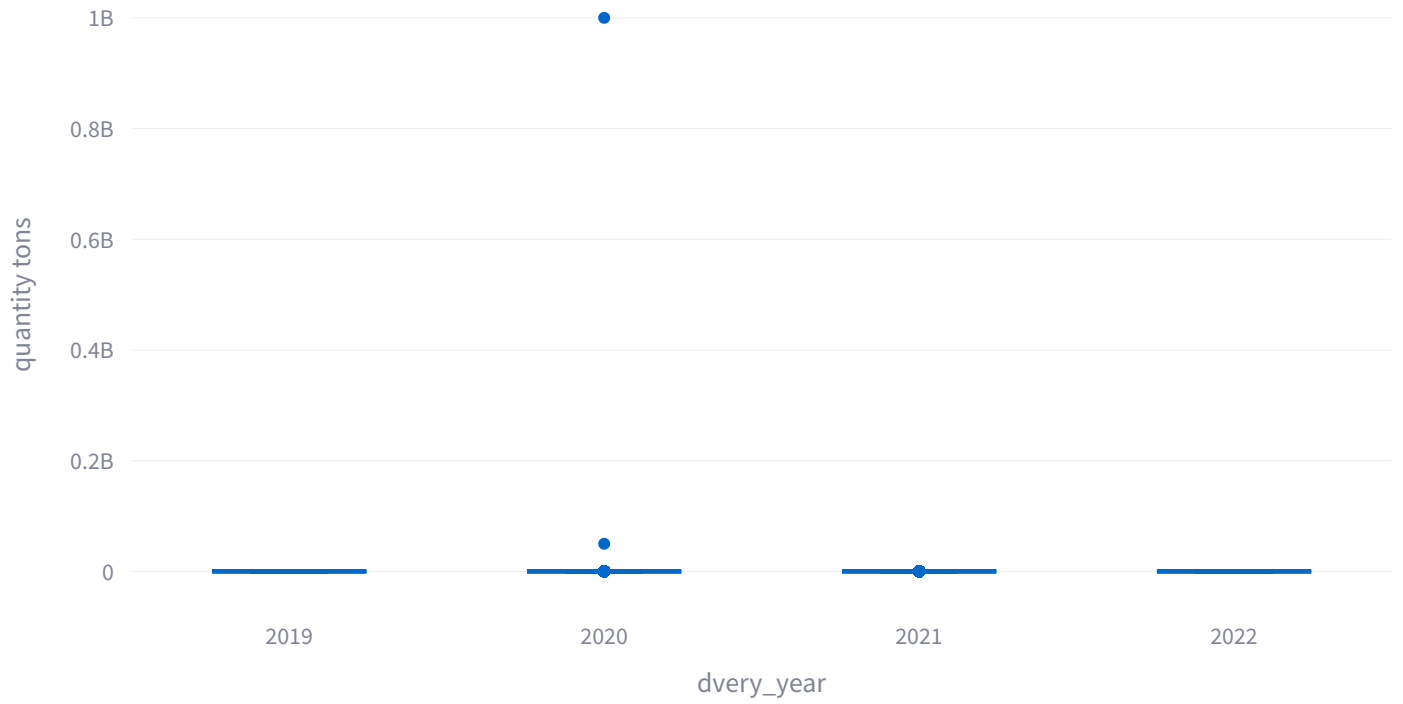
Enter four:



2.5 Iteration 5:

password:

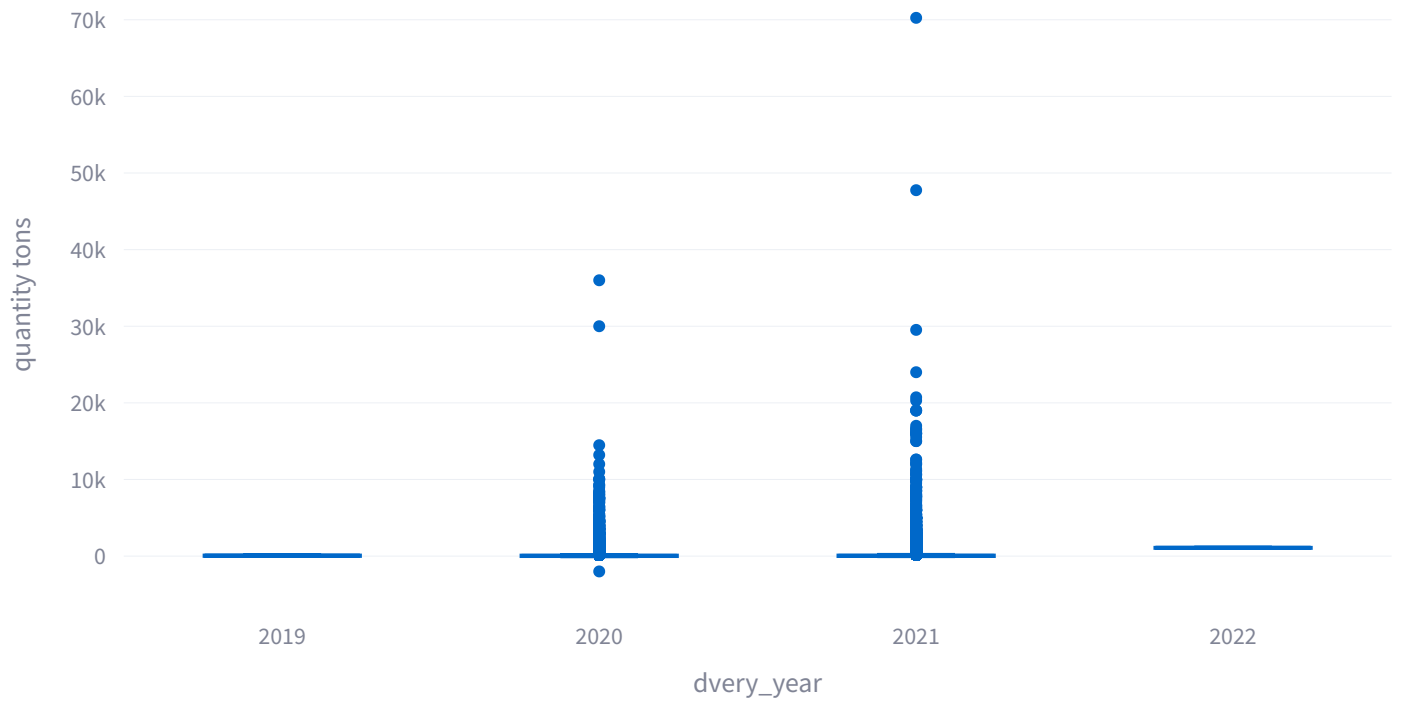


2.6 Iteration 6:

Enter the iteration number

6.00

- +



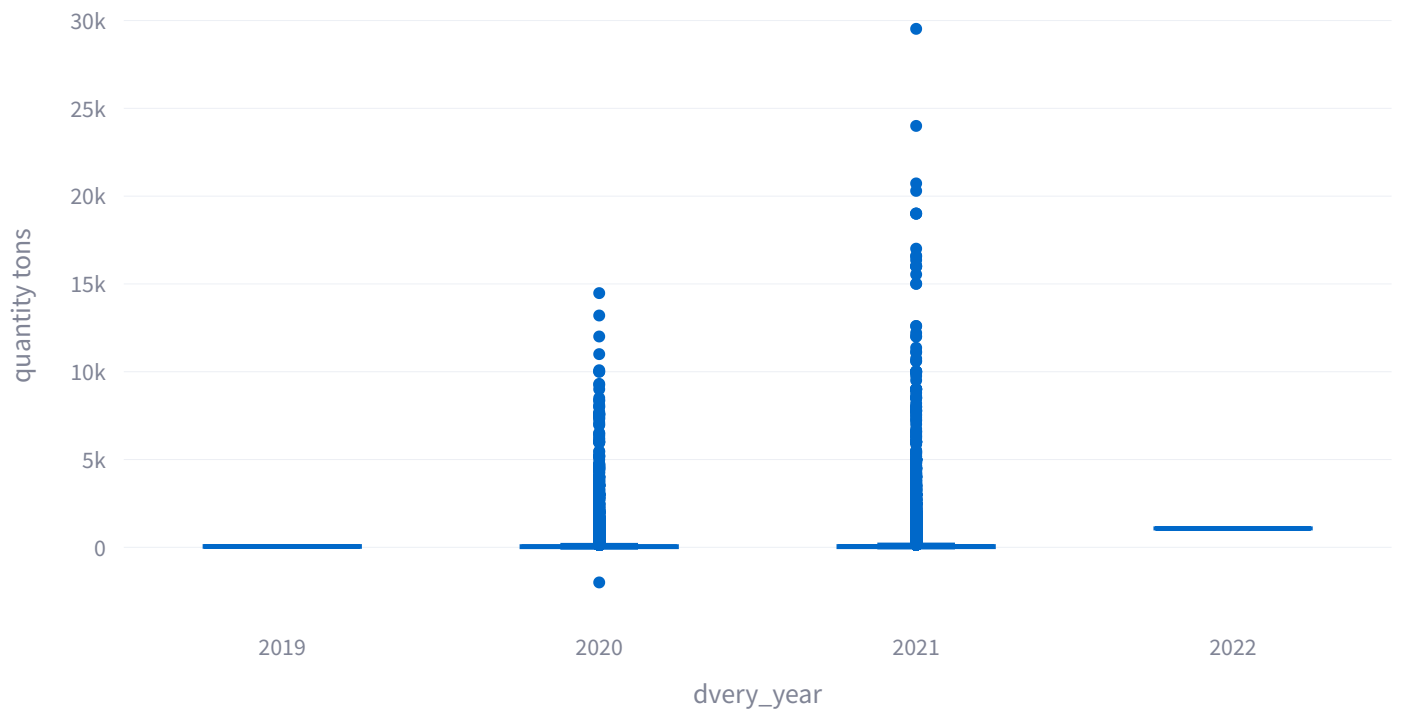
2.7 Iteration 7:

select the range

6

7

7

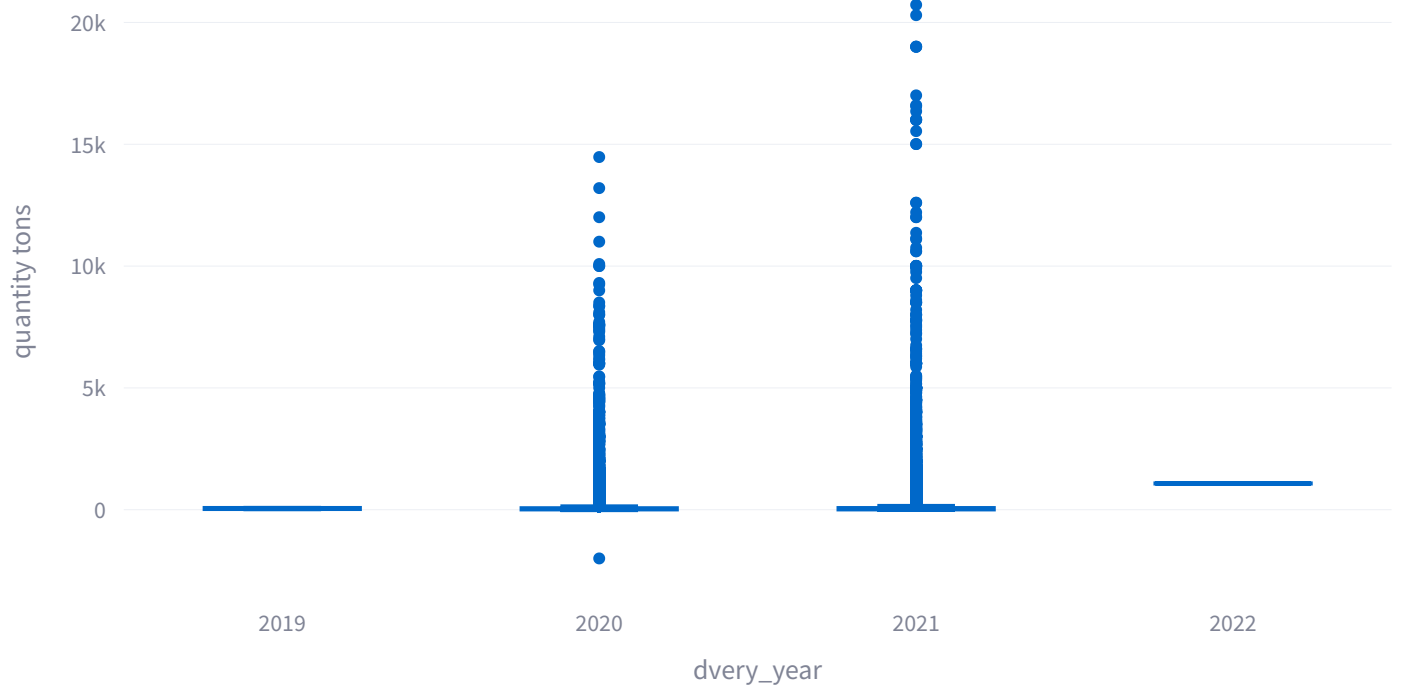


2.8 Iteration 8:

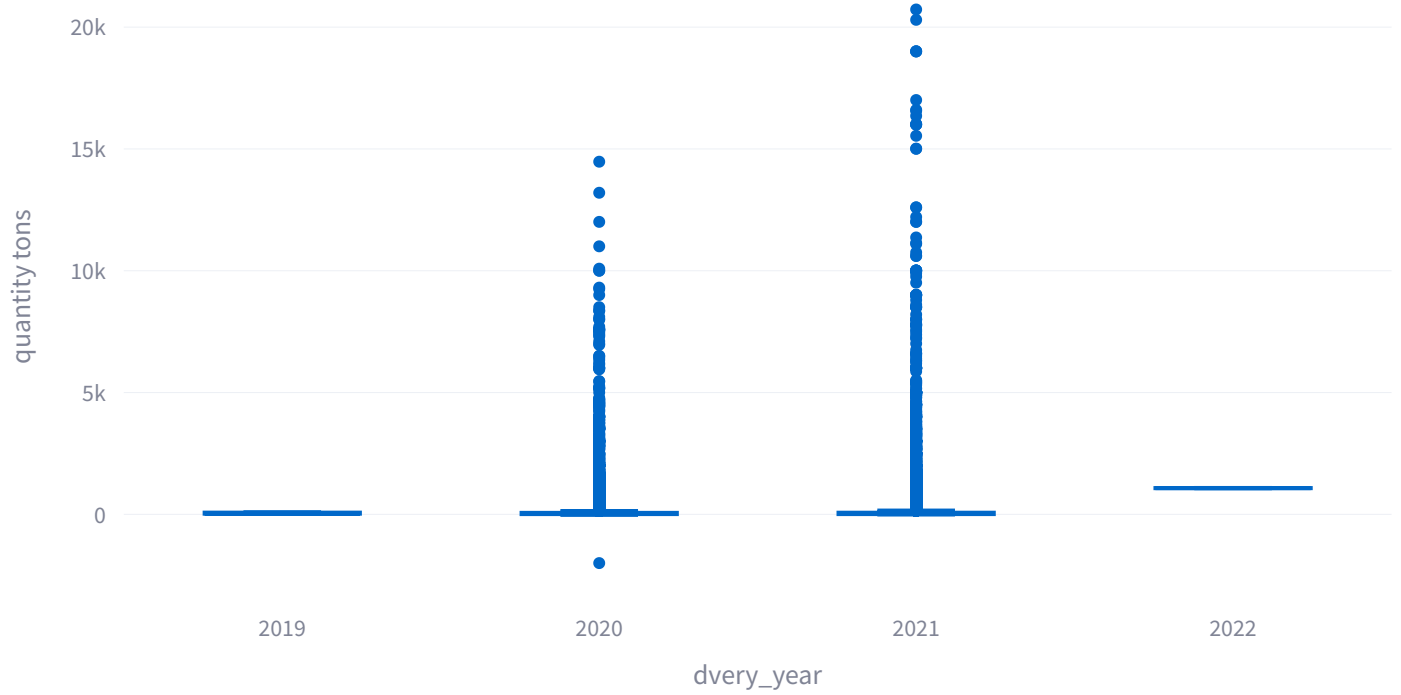
time

23:23

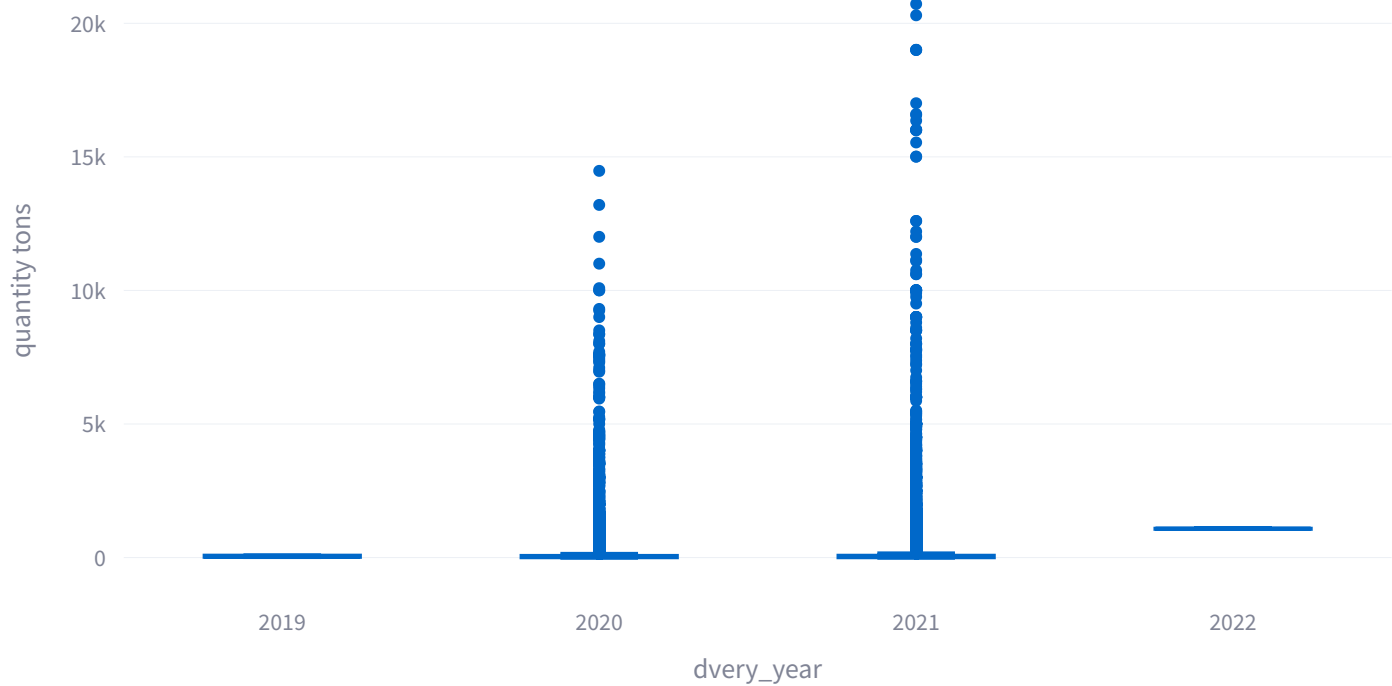




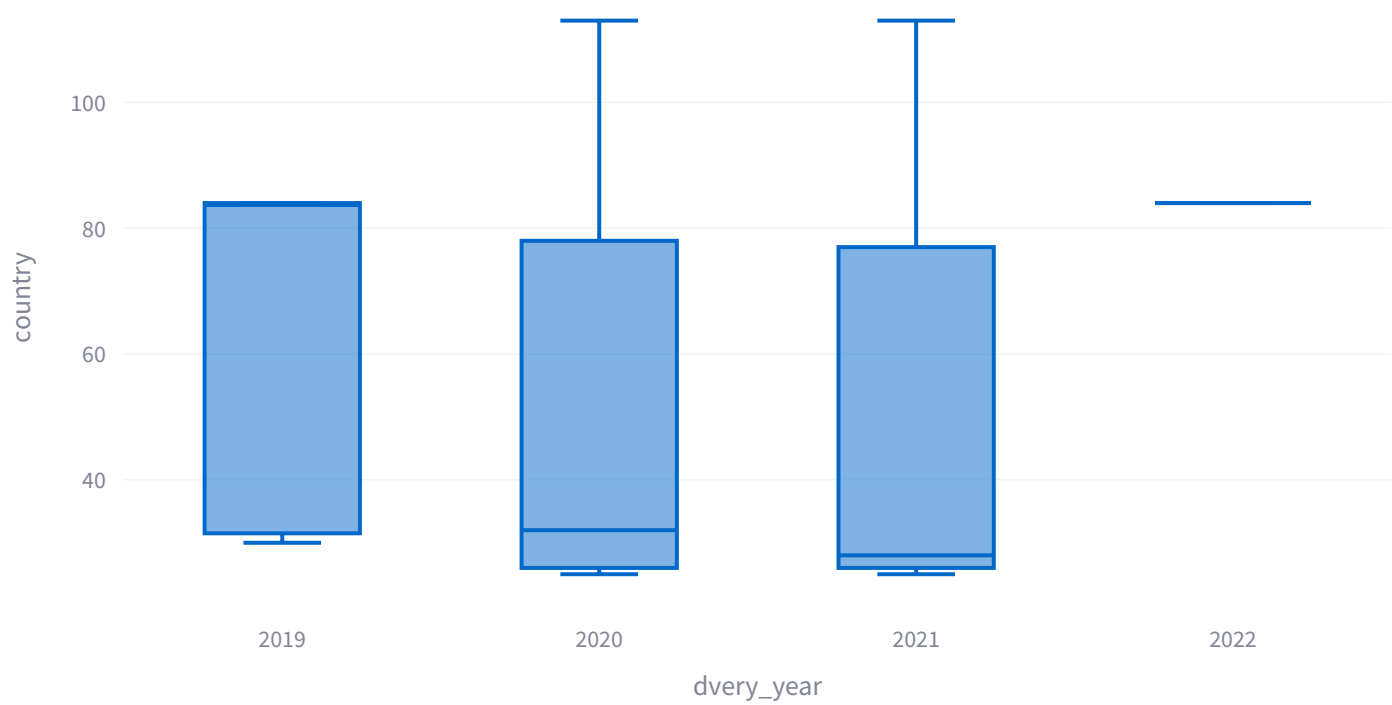
2.9 Iteration 9:



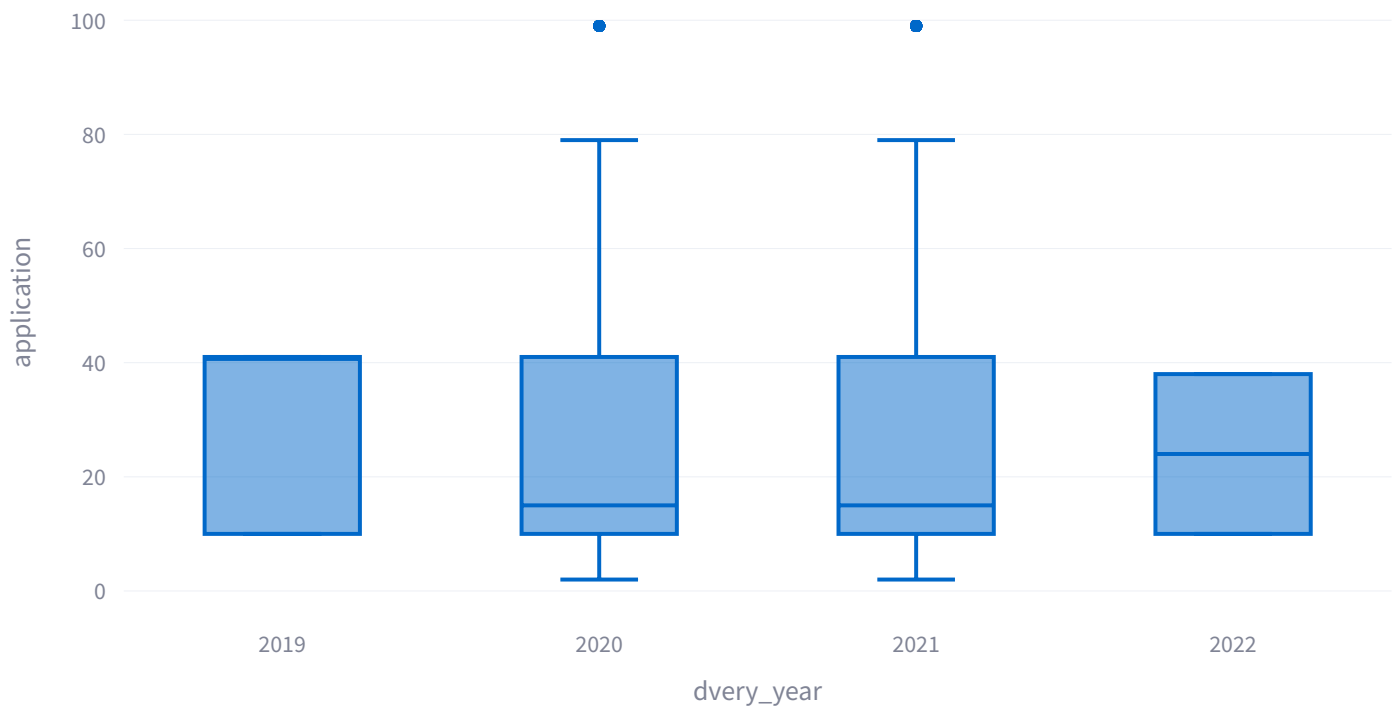
2.10 Iteration 10:



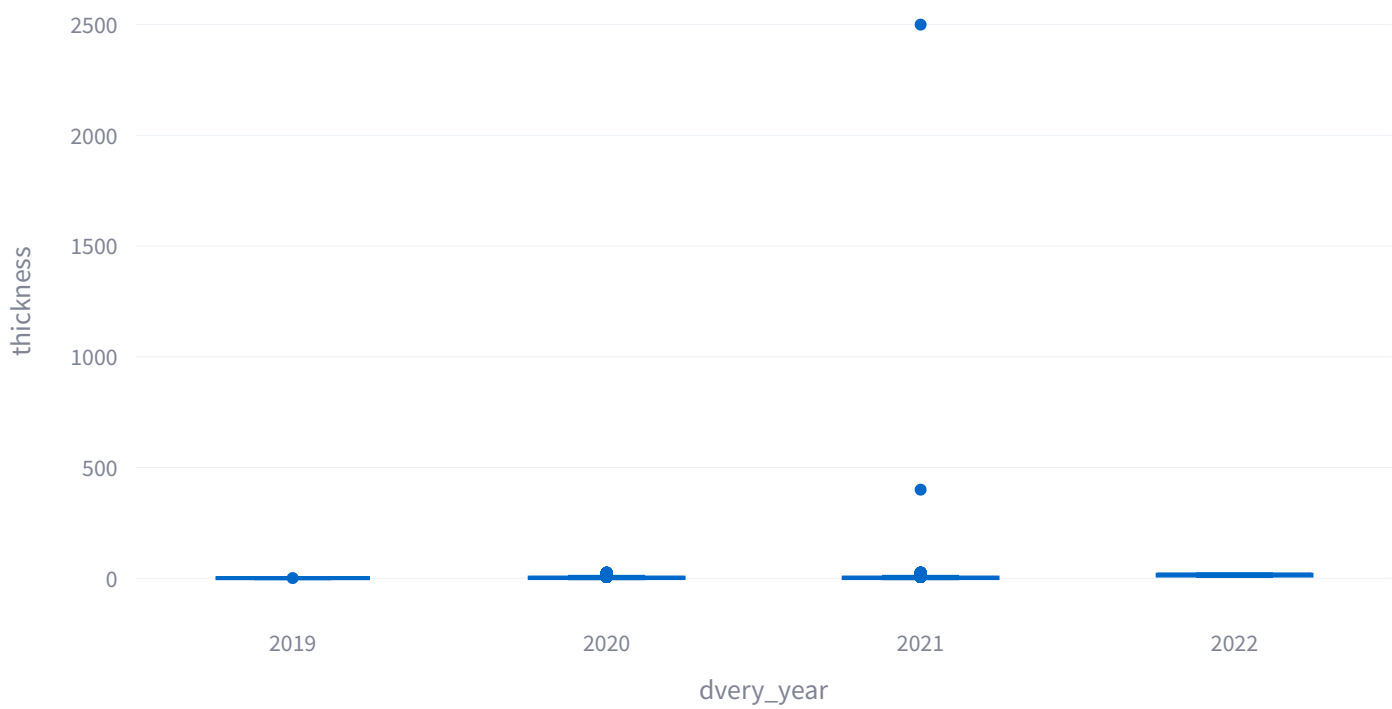
2.11 Iteration 11:



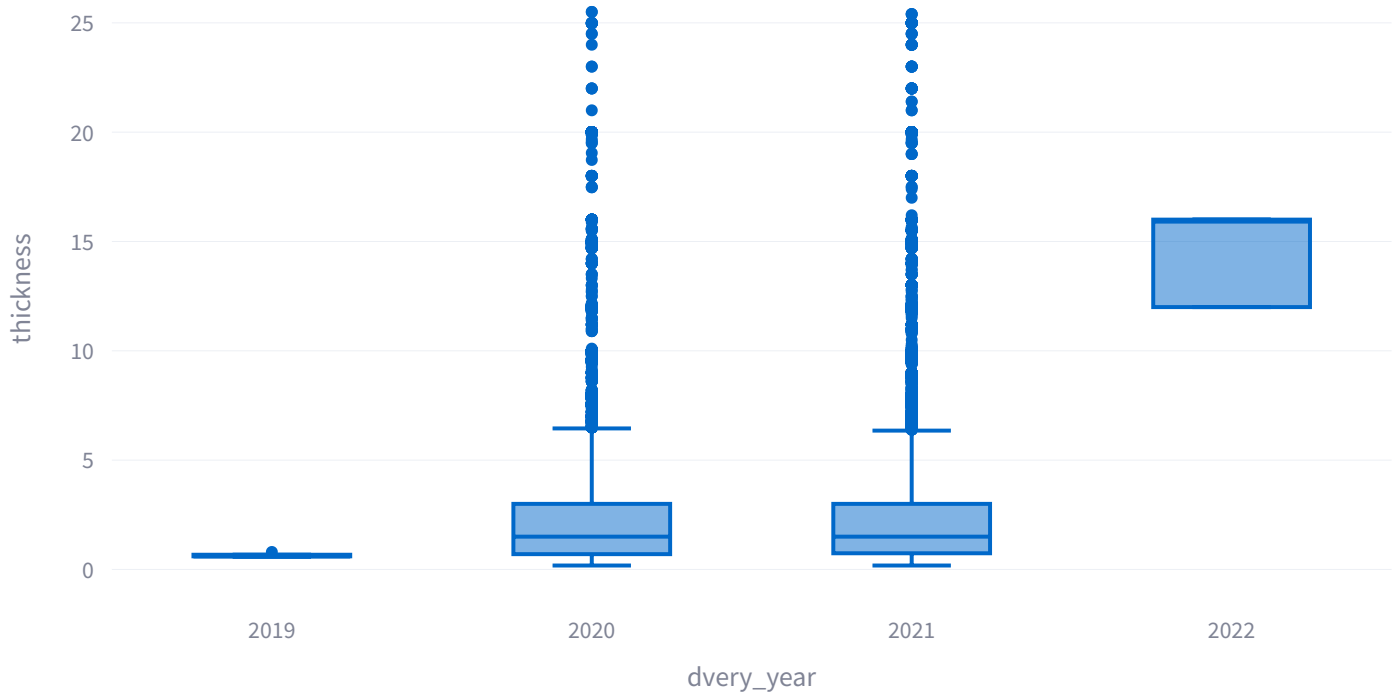
2.12 Iteration 12:



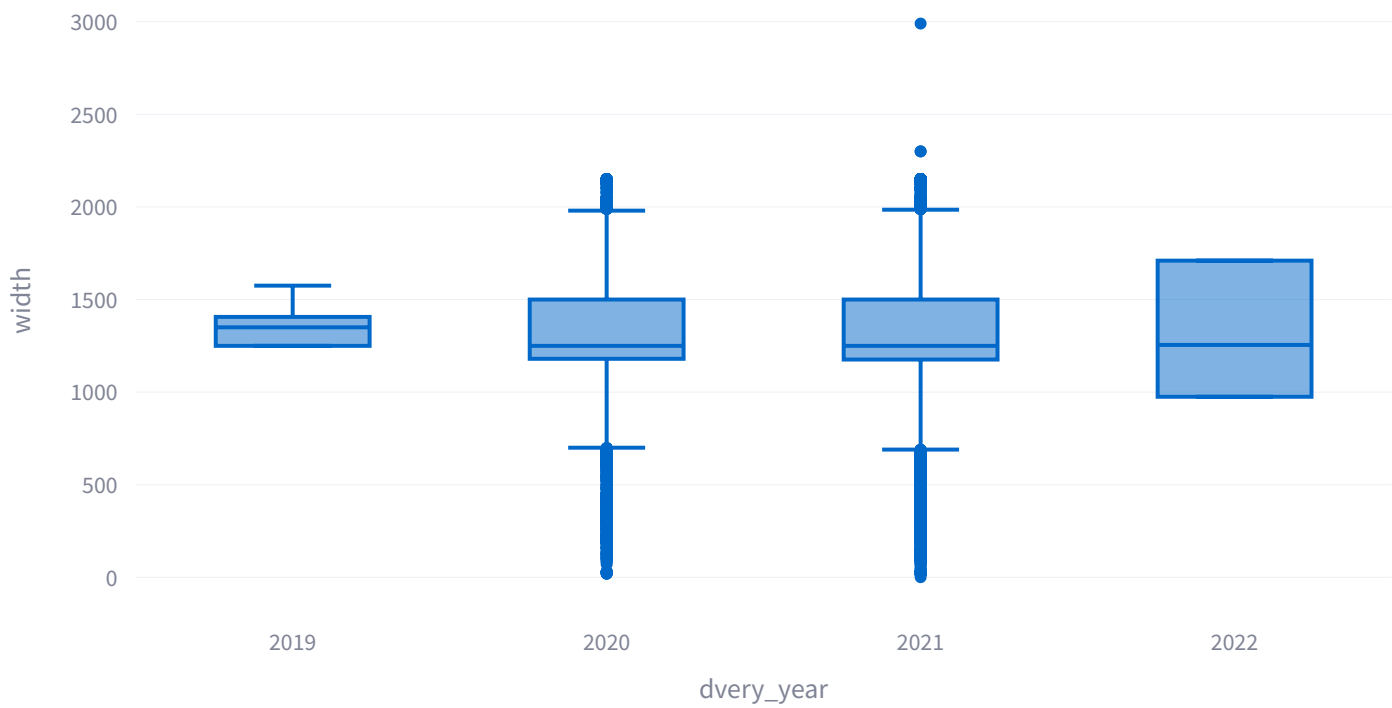
2.13 Iteration 13:



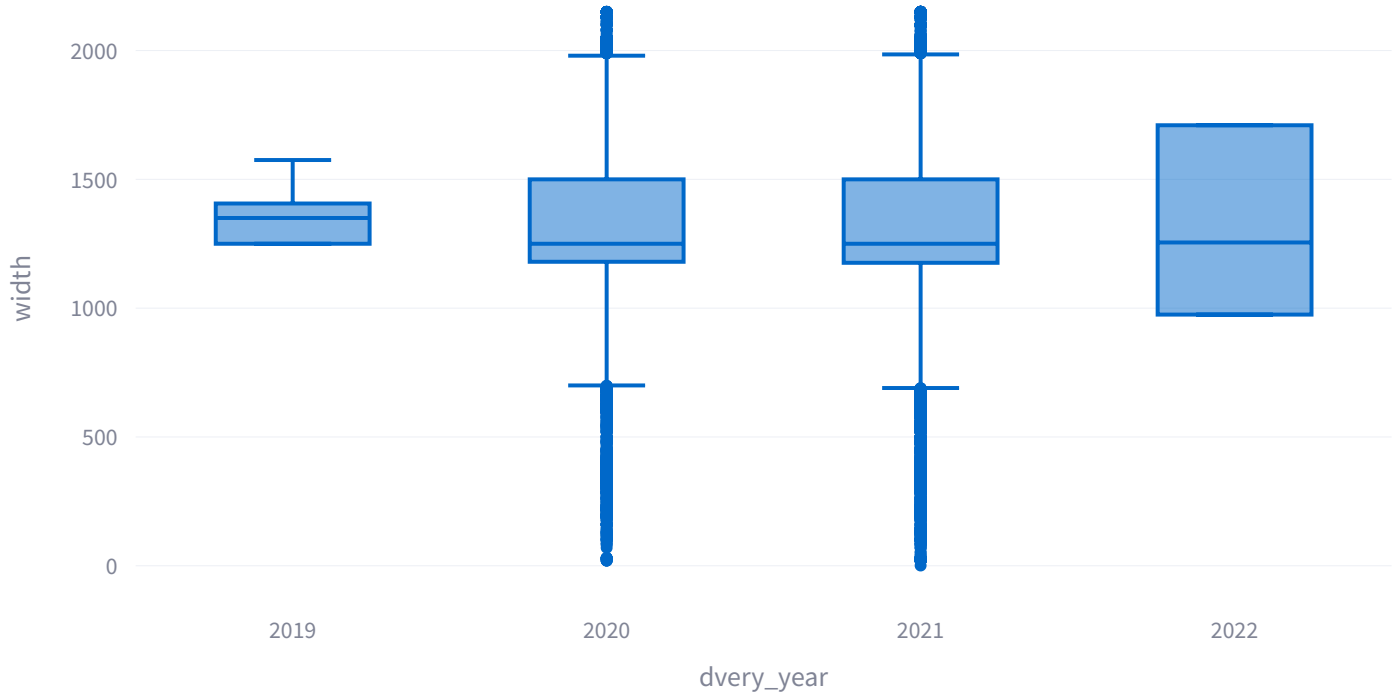
2.14 Iteration 14:



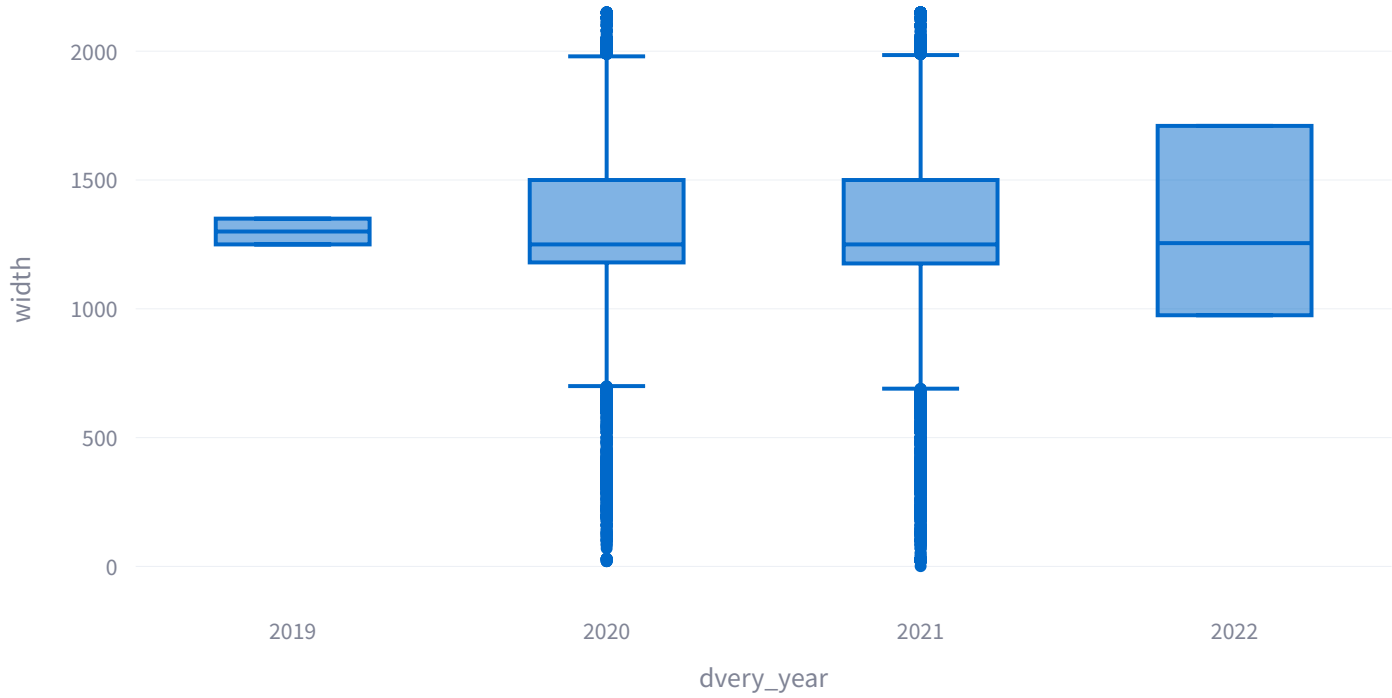
2.15 Iteration 15:



2.16 Iteration 16:



2.17 Iteration 17:



3.Regression ML models

Select the chart:

- Linear
- Lasso
- Ridge

LinearRegression

Train data(MSE)

19037.32845183502

Test data(MSE)

18714.33053779046

actual testing vs testing prediction

	test_actual	test_pred
142,035	637	689.6419
21,635	22	148.9899
75,347	817	878.6497
48,119	964	1,107.6673
14,814	903	838.529
14,107	841	860.9641
34,474	900	1,044.0242
45,638	1,016	971.3313
136,432	921	786.8928
64,811	1,031	1,089.9248

