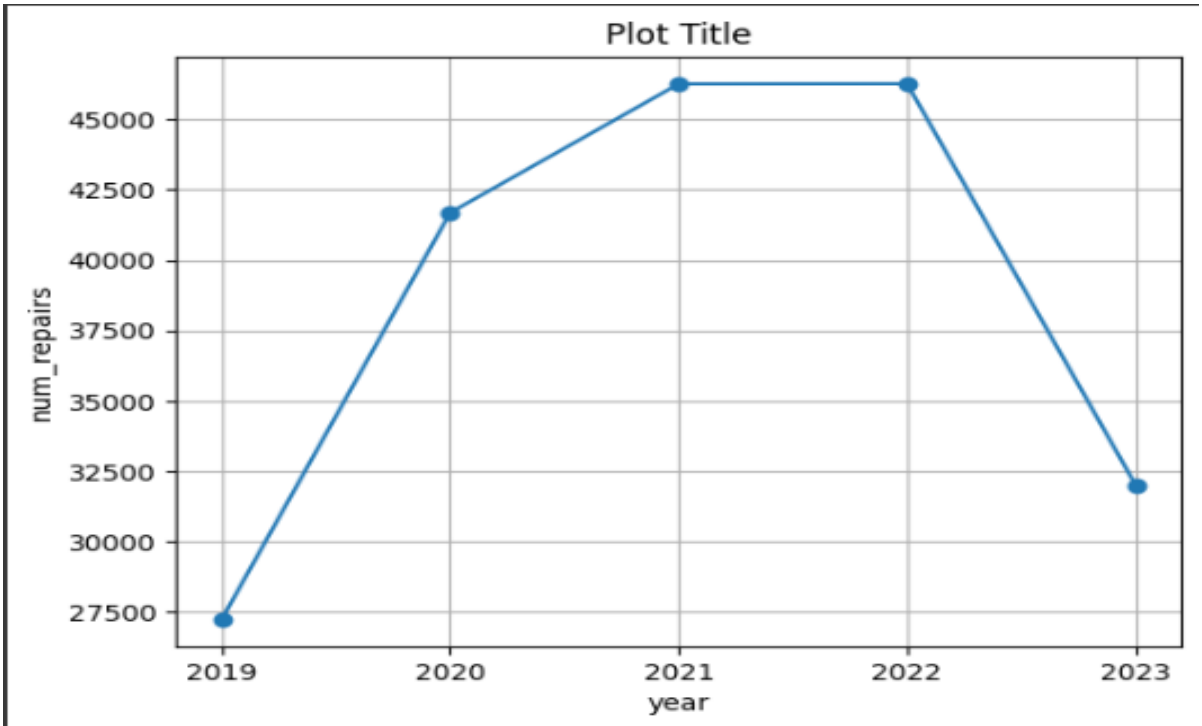
Query 1 : Which model year had the highest quantity consumed in 2023?

	ModelYear	TotalQuantity
0	2015.0	10213

Query2 : How many cars have undergone multiple repairs?

	CarID
0	43a9da48ae050ece5b577ecca6daae5c
1	2dd9b192dae6a476a606e59d53b12dad
2	bc227b357aa2afd31409c53e6efd9a22
3	1740179fa9fed9819a86998ea46da0a1
4	5803c0cda7dc24f46a9a1a79abbc70fb
...	...
56077	02d47e002059e63f1872a9b1bc063bfe
56078	398183c5acf1a20c14a28e2b6fcf4e53
56079	72e15d3fa3e17fe7324483f1dbf484d5
56080	efd758d46f3e75f6bd7a98ae97e7904c
56081	95318fa5bf7bc9e55d1d79502a53da49

Query3 : "Calculate the number of unique repairs that occur each year and plot the trend?"



	year	num_repairs	num_parts
0	2019	27238	4
1	2020	41682	3
2	2021	46255	4
3	2022	46261	4
4	2023	32007	3

Query 4 : What is the earliest demand date for each model year?

	ModelYear	MIN(DemandDate)
0	NaN	2019-01-03 00:00:00
1	2012.0	2019-01-03 00:00:00
2	2013.0	2019-01-01 00:00:00
3	2014.0	2019-01-01 00:00:00
4	2015.0	2019-01-01 00:00:00
5	2016.0	2019-01-01 00:00:00
6	2017.0	2019-01-01 00:00:00
7	2018.0	2019-01-01 00:00:00
8	2019.0	2019-02-08 00:00:00
9	2020.0	2019-11-15 00:00:00
10	2021.0	2020-11-25 00:00:00
11	2022.0	2021-12-13 00:00:00
12	2023.0	2022-11-25 00:00:00

Query 5 : Which months of the year tend to have the most repairs?

	Month	TotalRepairs
0	01	22385
1	03	20162
2	02	19092
3	12	18219
4	05	16988
5	04	16882
6	06	16679
7	08	16402
8	09	16316
9	11	16289
10	10	16035
11	07	15935

Query 6 : Calculate the total quantity of parts used for repairs requested in each year ?

	Year	SUM(Quantity)
0	2019	30267
1	2020	45439
2	2021	50241
3	2022	50480
4	2023	34957