

## Case study

Jamie from Adventure Works has emailed you questions about the inventory file you are working on.

She needs you to find the following numbers and submit them to her:

- 1- The number of listings for gear components.
- 2- The number of orders placed with Z123 in 2023.
- 3- The number of orders placed with Z123 in 2022.
- 4- The number of orders for mountain bike frames.
- 5- The number of mountain bike orders with a stock level of over 500.

## Report

- 1- The number of listings for gear components
  - a. There are 20 listings for gear components.

	A	B	C	D	E	F	G	H	I	J
1	Category	Date Entered	Product Name	Supplier	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued	
14	Gear Components	09/02/23	derailleurs	Z123	21.5	260	0	0	No	
15	Gear Components	09/02/23	belt drives	Z123	21.5	260	0	0	No	
26	Gear Components	10/18/21	Chain	Z123	34	190	0	0	No	
27	Gear Components	10/18/21	shifter	Z123	34	190	0	0	No	
28	Gear Components	07/22/23	shifter	Z123	34.8	140	0	0	No	
29	Gear Components	07/22/23	shifter	Z123	34.8	140	0	0	No	
30	Gear Components	07/22/21	derailleurs	Z123	38	860	0	0	No	
31	Gear Components	07/22/21	derailleurs	Z123	38	860	0	0	No	
40	Gear Components	10/10/21	belt drives	Z123	55	790	0	0	No	
41	Gear Components	10/10/21	Chain	Z123	55	790	0	0	No	
96	Gear Components	07/17/23	Crankset	Z123	36	260	0	15	No	
97	Gear Components	07/17/23	Crankset	Z123	36	260	0	15	No	
100	Gear Components	01/06/22	Crankset	Z123	2.5	1120	0	20	No	
101	Gear Components	01/06/22	belt drives	Z123	2.5	1120	0	20	No	
102	Gear Components	09/16/21	belt drives	Z123	12.5	0	70	20	No	
103	Gear Components	09/16/21	belt drives	Z123	12.5	0	70	20	No	
132	Gear Components	09/24/21	shifter	Z123	32	90	40	25	No	
133	Gear Components	09/24/21	shifter	Z123	32	90	40	25	No	
144	Gear Components	07/14/21	Chain	Z123	21	220	30	30	No	
145	Gear Components	07/14/21	Chain	Z123	21	220	30	30	No	

- 2- The number of orders placed with Z123 in 2023.
  - a. 6 orders placed with Z123 in 2023, All of them are of gear Component category.

	A	B	C	D	E	F	G	H	I	J
1	Category	Date Entered	Product Name	Supplier	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued	
14	Gear Components	09/02/23	derailleurs	Z123	21.5	260	0	0	No	
15	Gear Components	09/02/23	belt drives	Z123	21.5	260	0	0	No	
28	Gear Components	07/22/23	shifter	Z123	34.8	140	0	0	No	
29	Gear Components	07/22/23	shifter	Z123	34.8	140	0	0	No	
96	Gear Components	07/17/23	Crankset	Z123	36	260	0	15	No	
97	Gear Components	07/17/23	Crankset	Z123	36	260	0	15	No	

- 3- The number of orders placed with Z123 in 2022.
  - a. 2 orders placed with Z123 in 2022, both are of Gear Component category.

	A	B	C	D	E	F	G	H	I	J
1	Category	Date Entered	Product Name	Supplier	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued	
100	Gear Components	01/06/22	Crankset	Z123	2.5	1120	0	20	No	
101	Gear Components	01/06/22	belt drives	Z123	2.5	1120	0	20	No	
152										
153										

4- The number of orders for mountain bike frames.

a. There are 22 orders for mountain bike frames.

	A	B	C	D	E	F	G	H	I	J
1	Category	Date Entered	Product Name	Supplier	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued	
5	Frames	09/22/23	A2Mountain	Imortadores Neptuno	9.5	360	0	0	No	
13	Frames	01/02/22	A1Mountain	Imortadores Neptuno	21.35	0	0	0	Yes	
22	Frames	12/15/21	A2Mountain	Imortadores Neptuno	31.23	150	0	0	No	
23	Frames	12/15/21	A2Mountain	Imortadores Neptuno	31.23	150	0	0	No	
39	Frames	09/08/21	A2Mountain	Imortadores Neptuno	49.3	170	0	0	No	
44	Frames	01/26/22	A2Mountain	Imortadores Neptuno	81	400	0	0	No	
54	Frames	01/24/22	A1Mountain	Imortadores Neptuno	10	30	40	5	No	
62	Frames	06/12/21	A1Mountain	Imortadores Neptuno	18	690	0	5	No	
70	Frames	08/04/23	A2Mountain	Imortadores Neptuno	14	520	0	10	No	
74	Frames	08/07/21	A1Mountain	Imortadores Neptuno	18	390	0	10	No	
98	Frames	05/11/21	A2Mountain	Imortadores Neptuno	263.5	170	0	15	No	
99	Frames	05/11/21	A2Mountain	Imortadores Neptuno	263.5	170	0	15	No	
106	Frames	08/28/23	A1Mountain	Imortadores Neptuno	17	40	100	20	No	
107	Frames	08/28/23	A2Mountain	Imortadores Neptuno	17	40	100	20	No	
121	Frames	08/23/21	A1Mountain	Imortadores Neptuno	10	130	70	25	No	
122	Frames	10/07/23	A2Mountain	Imortadores Neptuno	12.75	150	70	25	No	
123	Frames	10/07/23	A1Mountain	Imortadores Neptuno	12.75	150	70	25	No	
124	Frames	08/15/21	A2Mountain	Imortadores Neptuno	19	170	40	25	No	
125	Frames	08/15/21	A2Mountain	Imortadores Neptuno	19	170	40	25	No	
127	Frames	11/19/21	A2Mountain	Imortadores Neptuno	25	120	0	25	No	
130	Frames	08/31/21	A2Mountain	Imortadores Neptuno	28.5	1130	0	25	No	
151	Frames	12/13/21	A1Mountain	Imortadores Neptuno	43.9	490	0	30	No	
152										

5- The number of mountain bike orders with a stock level of over 500.

a. There are 3 records found that are over 500 units in stock.

	D	E	F	G	H	I	J
1	Supplier	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued	
62	Imortadores Neptuno	18	690	0	5	No	
70	Imortadores Neptuno	14	520	0	10	No	
130	Imortadores Neptuno	28.5	1130	0	25	No	
152							
153							