

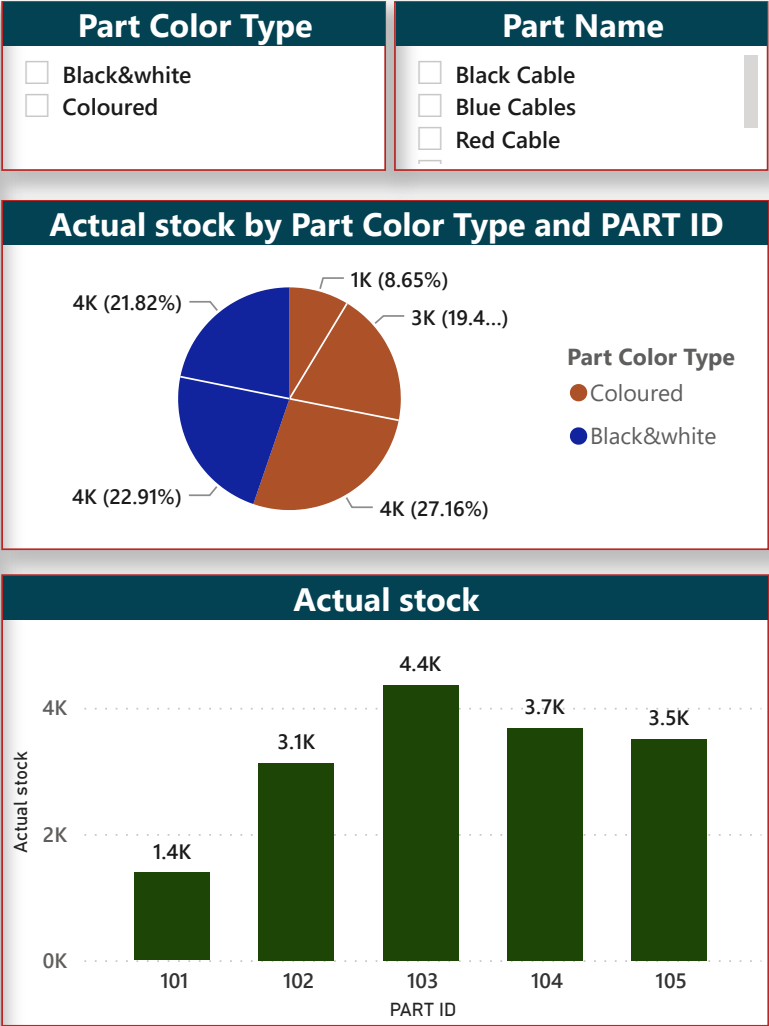
DAX & DASHBOARDING:

This use-case is inspired from a real business need from 2021/11. Remove the screenshot example and recreate the 5 red visuals.

- **Find a DAX solution** to show the Stock Variation (= initial stock + purchased - consumed) as shown below. The Actual Stock is the current stock.
- For the slicer, **find a DAX solution (not Power Query)** to display the PART NAMES as shown. Then group up the parts into 2 types "Colored" and "Black&White" to reproduce the result.

DATE	PART ID	TYPE	QUANTITY
01/01/2020	101	INITIAL STOCK	2000
01/01/2020	102	INITIAL STOCK	2000
01/01/2020	103	INITIAL STOCK	2000
01/01/2020	104	INITIAL STOCK	2000
01/01/2020	105	INITIAL STOCK	2000
05/01/2020	102	CONSUMED	956
03/02/2020	103	CONSUMED	614
14/02/2020	104	CONSUMED	971
15/02/2020	104	PURCHASED	135
05/03/2020	101	CONSUMED	861
08/03/2020	102	CONSUMED	215
18/03/2020	105	CONSUMED	519
01/06/2020	101	PURCHASED	600
16/06/2020	102	PURCHASED	627
22/07/2020	101	PURCHASED	186
24/07/2020	103	PURCHASED	634
26/07/2020	105	PURCHASED	240
31/07/2020	101	CONSUMED	612
12/08/2020	101	PURCHASED	241
19/08/2020	104	CONSUMED	771
21/09/2020	102	CONSUMED	224
24/09/2020	104	CONSUMED	606

Year	101	102	103	104	105	Total
2020	1554	883	2020	531	2043	7031
January	2000	1044	2000	2000	2000	9044
February			-614	-836		-1450
March	-861	-215			-519	-1595
June	600	627				1227
July	-426		634		240	448
August	241			-771		-530
Septembe		-224		-696	-678	-1598
October				834	-439	395
November					1439	1439
December		-349				-349
2021	-166	2241	2341	3147	1461	9024
January		623	1004			1627
February		814	449	610	864	2737
March	814		418	994	926	3152
April	123			352		475
June			-937	453		-484
Total	1388	3124	4361	3678	3504	16055



DATA QUALITY:

This use-case is inspired from a real business need from 2021/11.

Remove the screenshots recreate the 2 red visuals.

Use the Power Query to clean & transform the data as shown below.

SUPPLIER	QUANTITY	UNIT PRICE
☐ SUPPLIER A		
PART A	2562	110
☐ SUPPLIER B		
PART A	1850	63
PART B	830	14
☐ SUPPLIER C		
PART A	2384	77
PART B	1588	30
☐ SUPPLIER D		
PART A	1322	65
PART B	1832	49

PART ID	SUPPLIER	UNIT PRICE
PART A	SUPPLIER A	110
PART A	SUPPLIER B	63
PART A	SUPPLIER C	77
PART A	SUPPLIER D	65
PART B	SUPPLIER B	14
PART B	SUPPLIER C	30
PART B	SUPPLIER D	49

SUPPLIER NAME	QUANTITY	UNIT PRICE
☐ American Supplier		
CPU	2562	110
☐ Brazilian Supplier		
Cables	830	14
CPU	1850	63
☐ Chinese Supplier		
Cables	1588	30
CPU	2384	77
☐ Third Party Broker		
Cables	1832	49
CPU	1322	65