

a)

Category	1	2	3	1-2	1-2-3	1-3	2-1	2-3	2-1-3	3-1	3-2	3-1-2
PROD424	680	10	10	180	0	0	0	0	0	0	0	0
PROD660	440	0	0	40	0	0	0	0	0	0	0	0
PROD383	190	0	0	0	0	0	0	0	0	0	10	0
PROD253	170	0	0	50	0	0	0	0	0	0	0	0
PROD566	150	0	0	0	0	0	0	0	0	0	0	0
PROD494	140	10	10	30	0	0	0	0	0	0	0	0

b)

Stacked bar chart showing the number of products for each product type (PROD424, PROD542, PROD698, PROD253, PROD660, PROD264) categorized by the number of components (1, 2, 3) and their arrangement (1-2, 1-3, 2-1, 2-3, 3-1, 3-2, 3-1-2, 2-1-3). The Y-axis represents the number of products (0 to 1000). The legend indicates the following categories:

- 3 - 1 - 2 (Yellow)
- 3 - 2 (Orange)
- 3 - 1 (Light Orange)
- 2 - 1 - 3 (Light Green)
- 2 - 3 (Dark Green)
- 2 - 1 (Red)
- 1 - 3 (Pink)
- 1 - 2 - 3 (Light Green)
- 1 - 2 (Light Green)
- 3 (Red)
- 2 (Dark Red)
- 1 (Dark Green)

Product Type	1	2	3	1-2	1-3	2-1	2-3	3-1	3-2	3-1-2	2-1-3
PROD424	680	10	0	180	0	0	0	0	0	0	0
PROD542	0	0	0	70	0	0	0	0	0	0	0
PROD698	40	0	0	70	0	0	0	0	0	0	0
PROD253	170	0	0	50	0	0	0	0	0	0	0
PROD660	440	0	0	40	0	0	0	0	0	0	0
PROD264	0	0	0	30	0	0	0	0	0	0	0