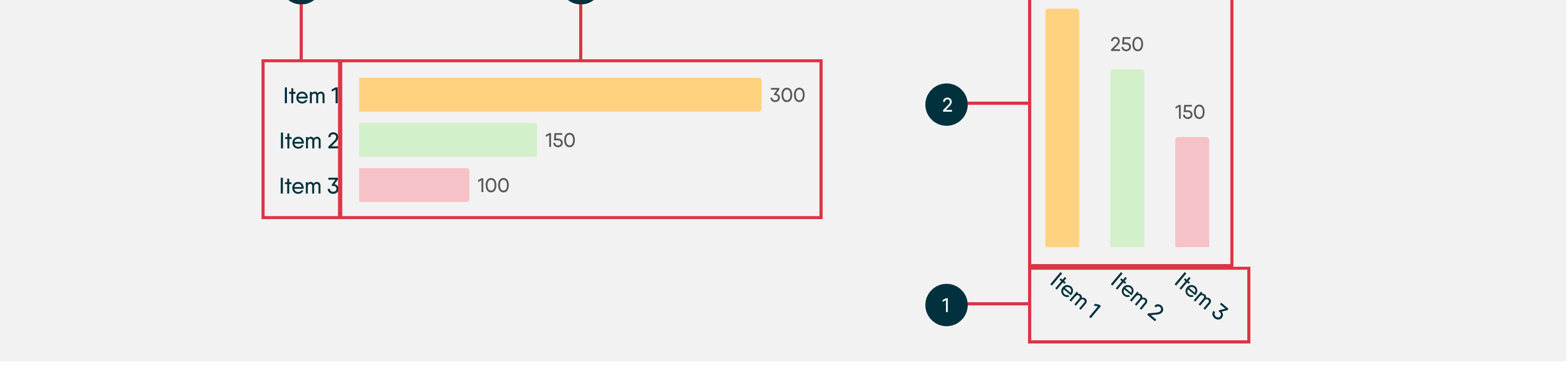


# Bar Charts

## Bar chart variants

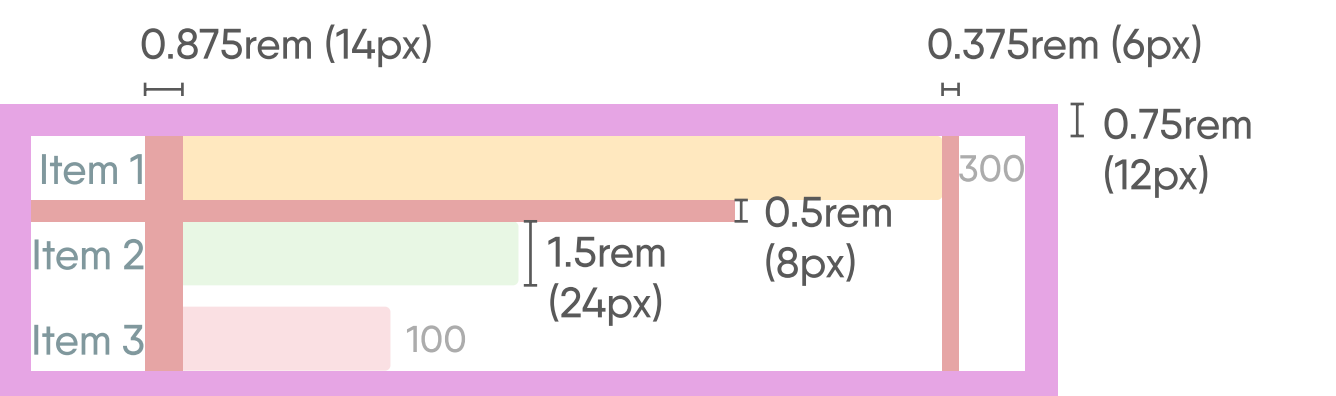
Variant	Usage
Simple bar	Simple bars use vertical or horizontal bars to represent and compare individual values.
Grouped bar	A grouped bar chart use is to compare values across multiple categories
Stacked bar	Stacked bars are effective for comparing the promotional contributions within a category. They display the relative value each data series adds to the overall total.

## Simple bar anatomy

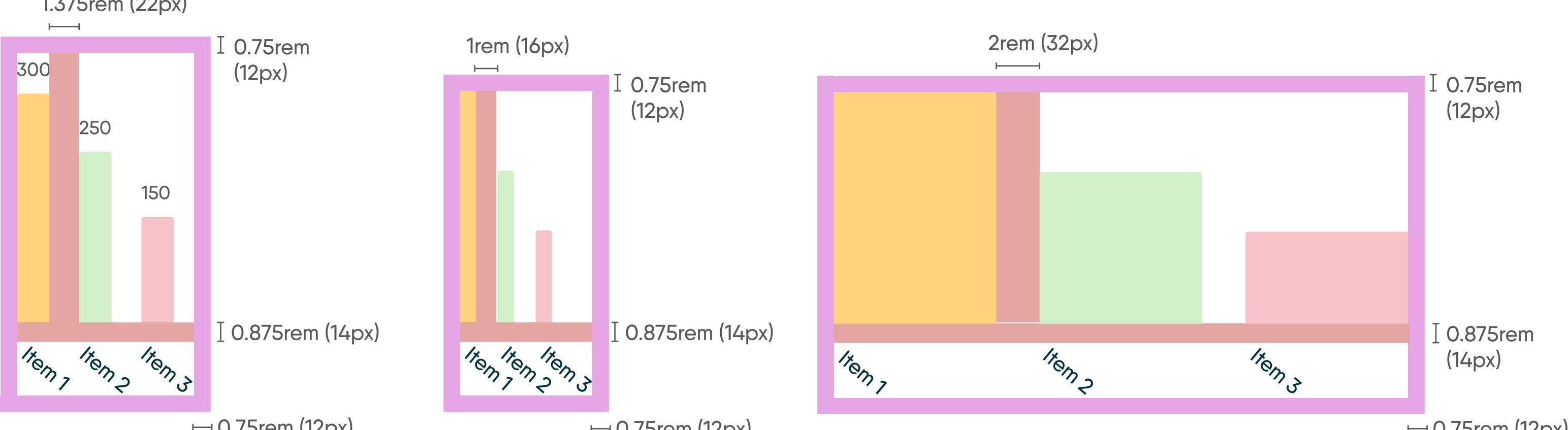


1. **Item description.** Each item description has an optional clickable function which navigates to a relevant page.
2. **Statistic and bar visualisation.** The numeric element is optional. The width of the bar on the horizontal simple bar and the height of the vertical simple bar can be flexible to suit design but the scale must stay consistent with the other items in the chart to ensure data is represented accurately.

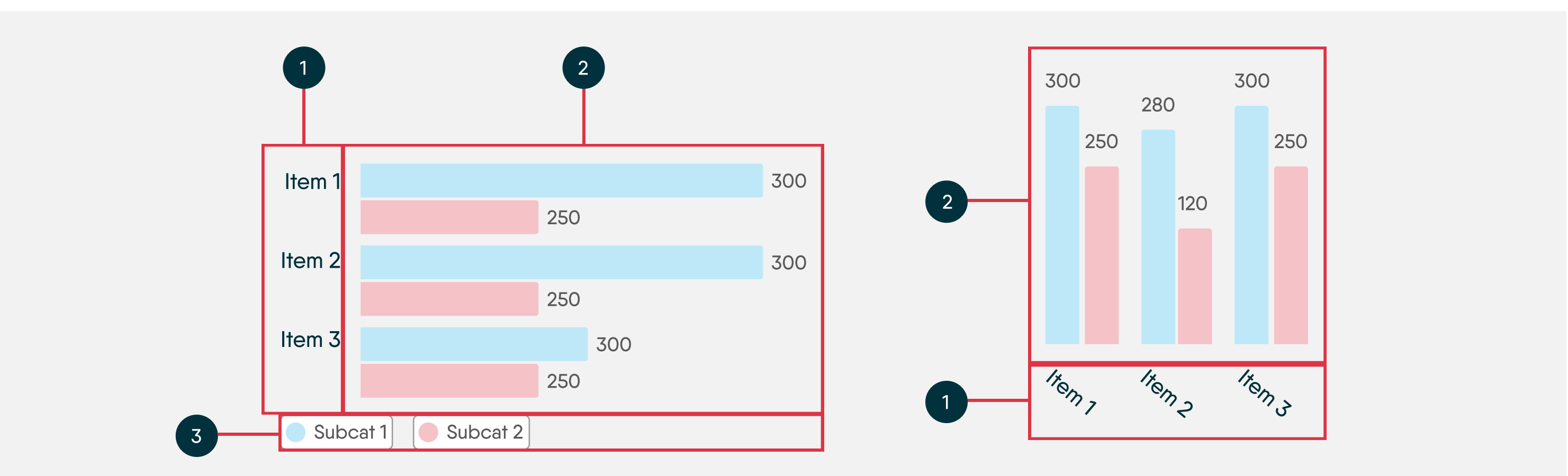
## Dimensions



Vertical dimensions: Each vertical variant of the bar charts has a small, medium and large sizing to give flexibility to present data in the best way possible with various different data sets. For example if a vertical bar chart has over 10 data items, you might want to use the small vertical variant to accommodate all those items.

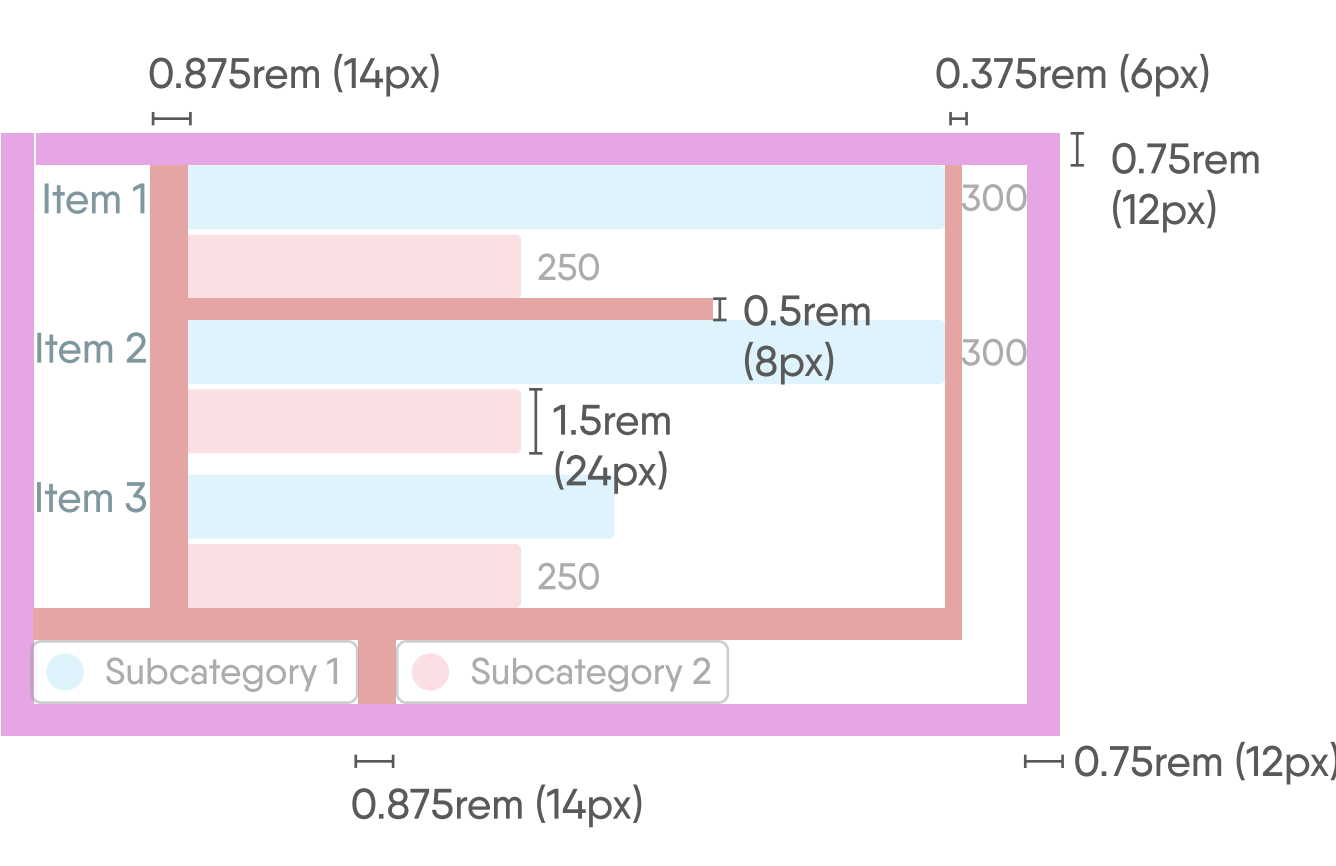


## Grouped bar anatomy

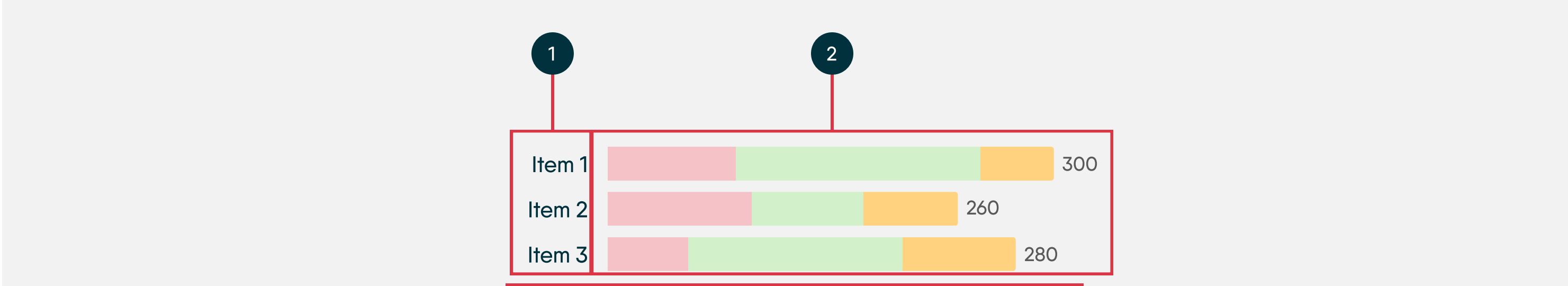


1. **Item description.** Each item description has an optional clickable function which navigates to a relevant page.
2. **Statistic and bar visualisation.** The numeric element is optional and can represent numbers or percentages. The width of the bar on the horizontal simple bar and the height of the vertical simple bar can be flexible to suit design but the scale must stay consistent with the other items in the chart to ensure data is represented accurately.
3. **Key detail (optional)** - placement can be at the top or bottom of the bar chart.

## Dimensions

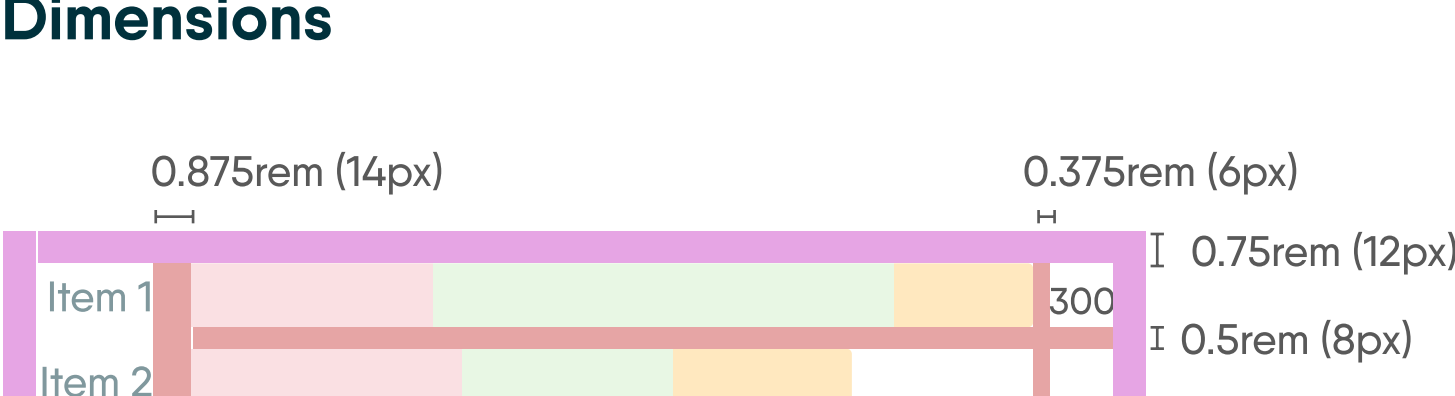


## Stacked bar anatomy



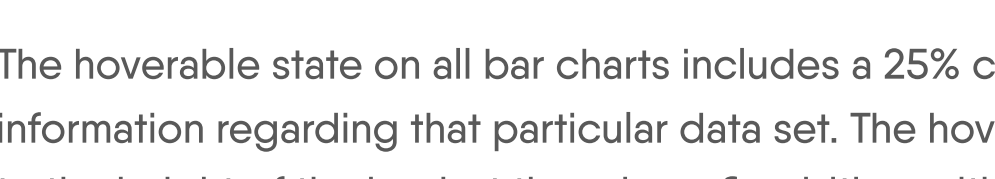
1. **Item description.** Each item description has an optional clickable function which navigates to a relevant page.
2. **Bar visualisation.** The item total value will be captured like the simple bar but will also include percentage contributions with a figure displaying each percentage contribution upon hover. The bar container width is flexible and each of the percentage contribution must collectively equal 100% of that items total value. Each subcategory will have their own percentage contribution, scale must stay consistent with the other items in the chart to ensure data is represented accurately.
3. **Key detail (optional)** - placement can be at the top or bottom of the bar chart.

## Dimensions



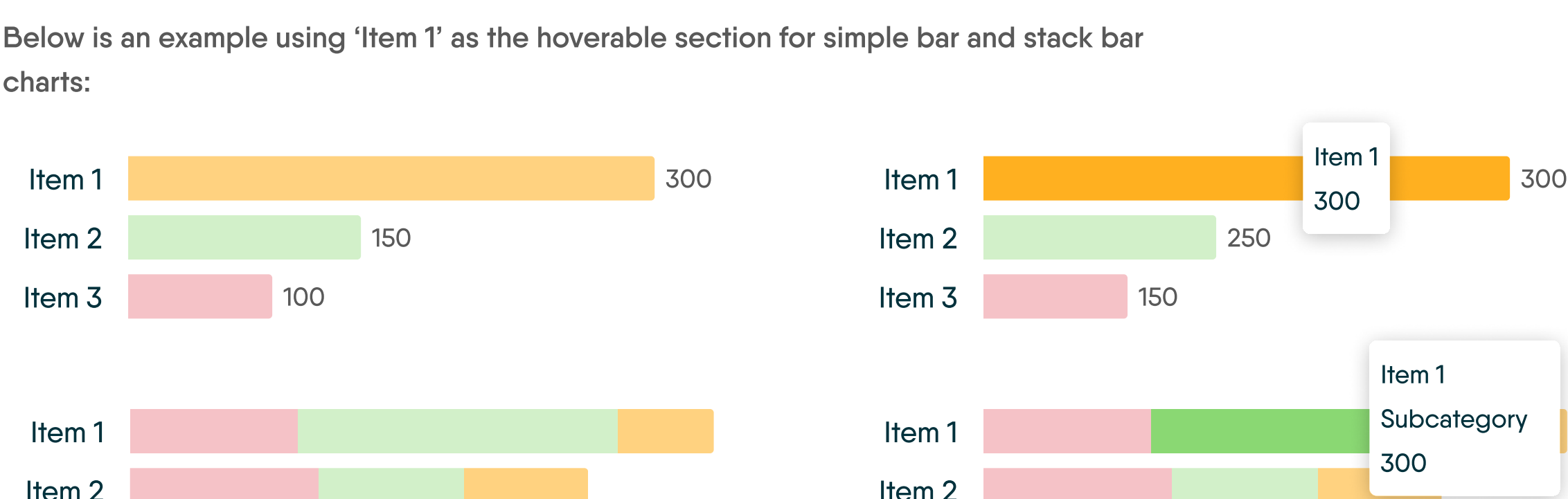
## Bar chart hover state behaviour

The hoverable state on all bar charts includes a 25% colour darken on the bar and displays key information regarding that particular data set. The hoverable information must line up line centrally to the height of the bar but there is no fix width position of the hoverable information, it simply appears in the same position the user has pointed to the item with their cursor.



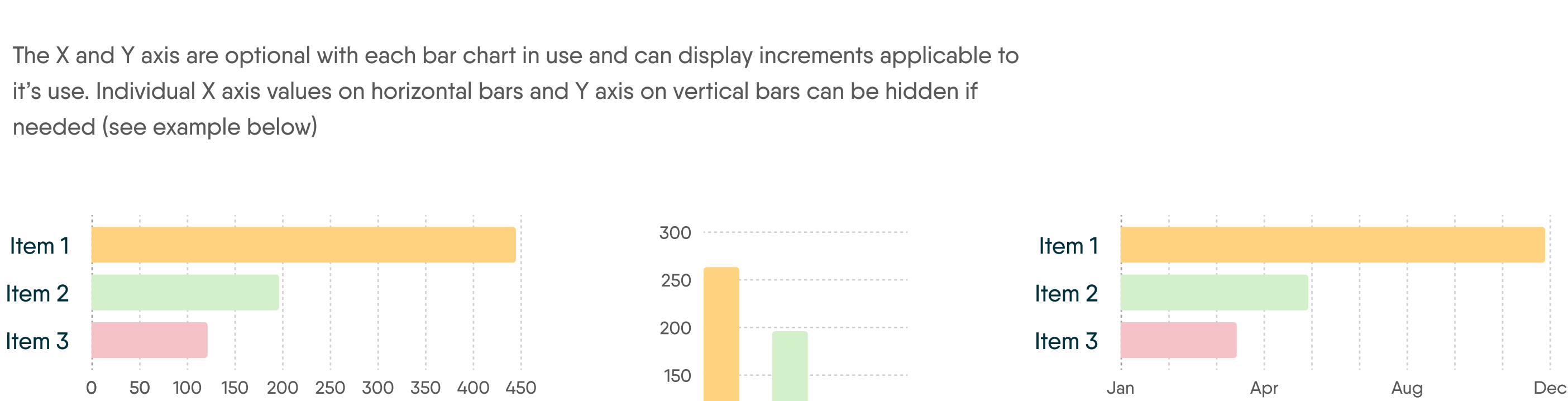
## Example

Below is an example using 'Item 1' as the hoverable section for simple bar and stack bar charts:



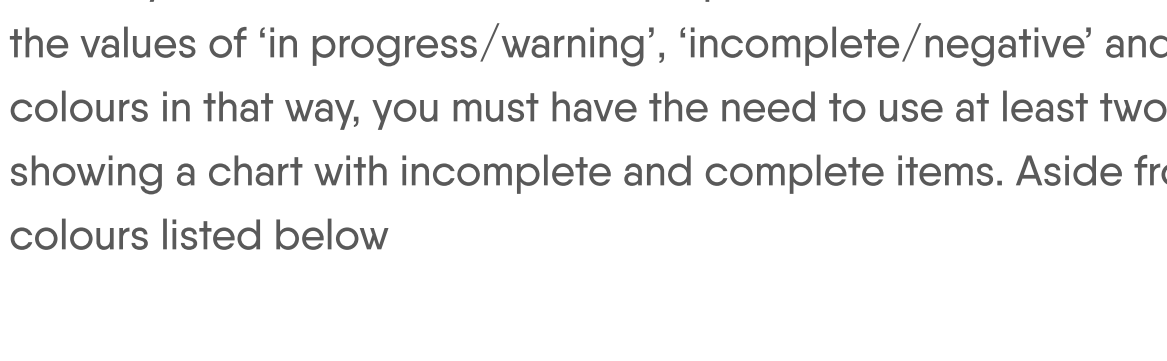
## Axis

The X and Y axis are optional with each bar chart in use and can display increments applicable to it's use. Individual X axis values on horizontal bars and Y axis on vertical bars can be hidden if needed (see example below)



## Colour

The only time colours are bound to a particular item is when including singular items which relate to the values of 'in progress/warning', 'incomplete/negative' and 'complete/positive'. To use those colours in that way, you must have the need to use at least two of those values, for example showing a chart with incomplete and complete items. Aside from this, please use the applied colours listed below



## Applied colours list

	DEFAULT	HOVER	ACTIVE
Wider colour 2	EBD7F6	DFCCE8	D4C2DD
Wider colour 3	BEE8F8	B6DEED	ABD1DF
Wider colour 4	A6DCC7	98CBB7	95C6B3
Wider colour 5	FAD0DA	EFC8D1	E1BBC4
Wider colour 6	AFCCF2	A6C1E5	9EB8DA
Wider colour 7	FFD2B4	F4CAAF	E6BDA2
Wider colour 8	CDF0F2	C2E3E5	B9D8DA
Wider colour 9	FFABC2	F5A2B9	E69AAF
Wider colour 10	DCEAF2	CFDCE3	C6D3DA
Wider colour 11	EEBCB3	E3B2A9	D6A9A1

Version control:	Date of design update:	Notable updates:
V1 added	10.09.2024	Inclusion of the simple bar, group bar and stacked bar charts.



300



3000



3000

150

150

150



300



100







100



3000



100



100



100



100

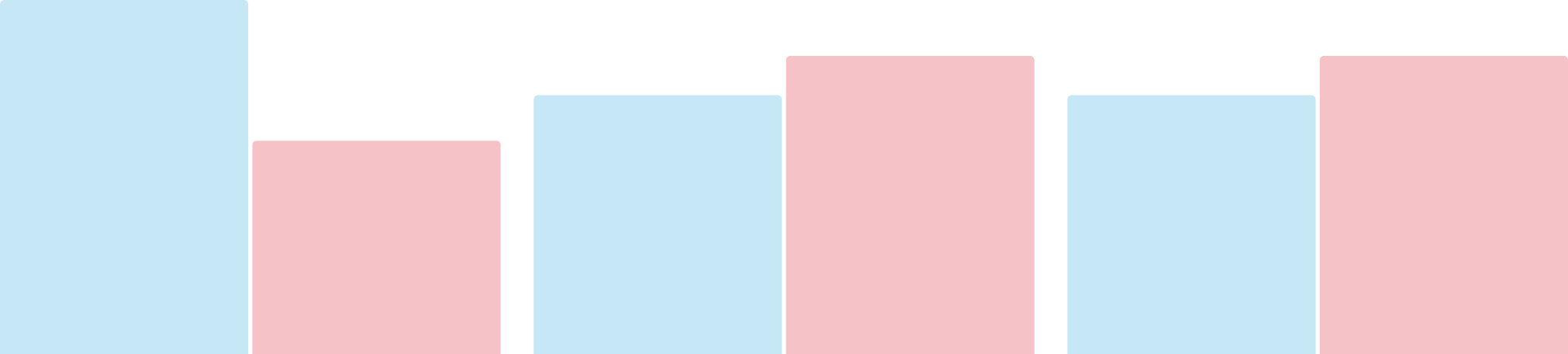


100



100





Item 1

Item 2

Item 3

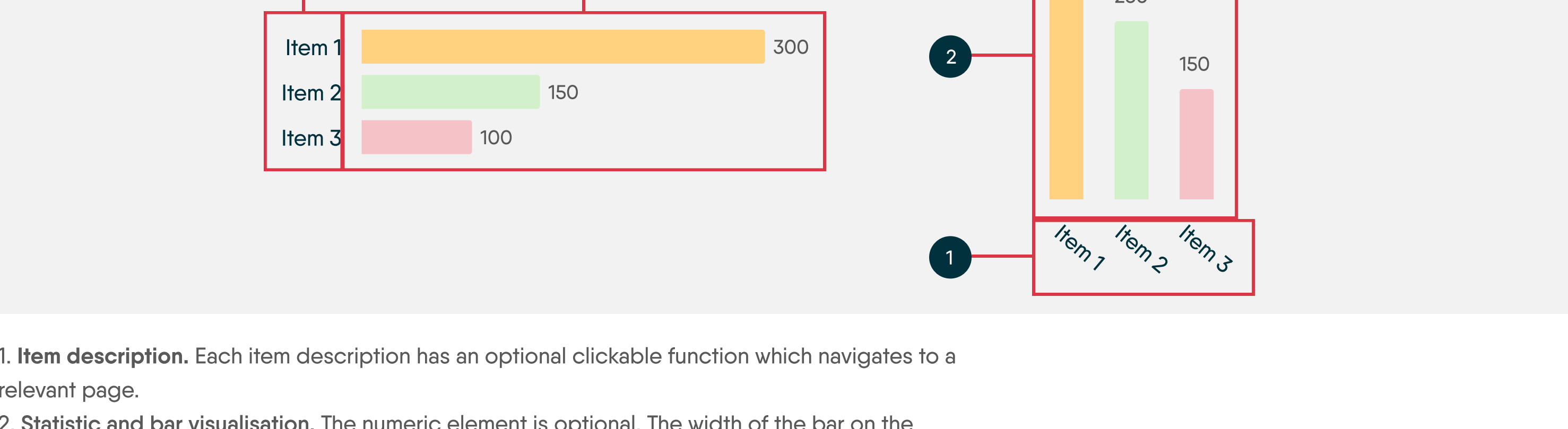
# Line Charts



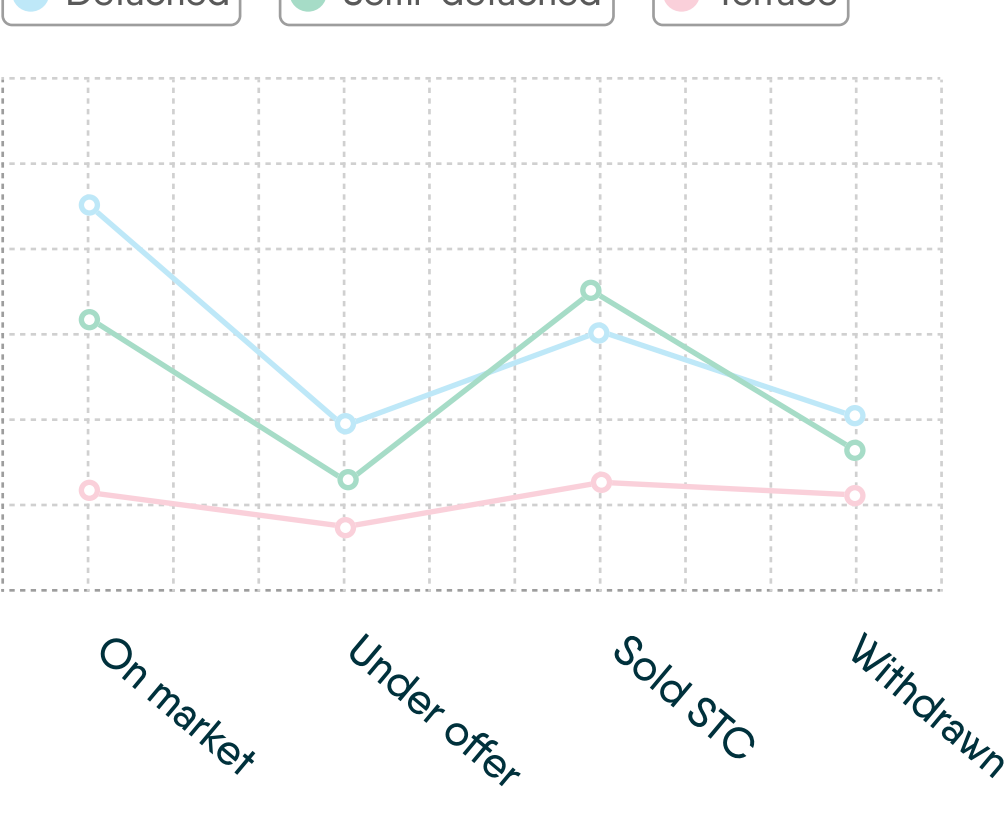
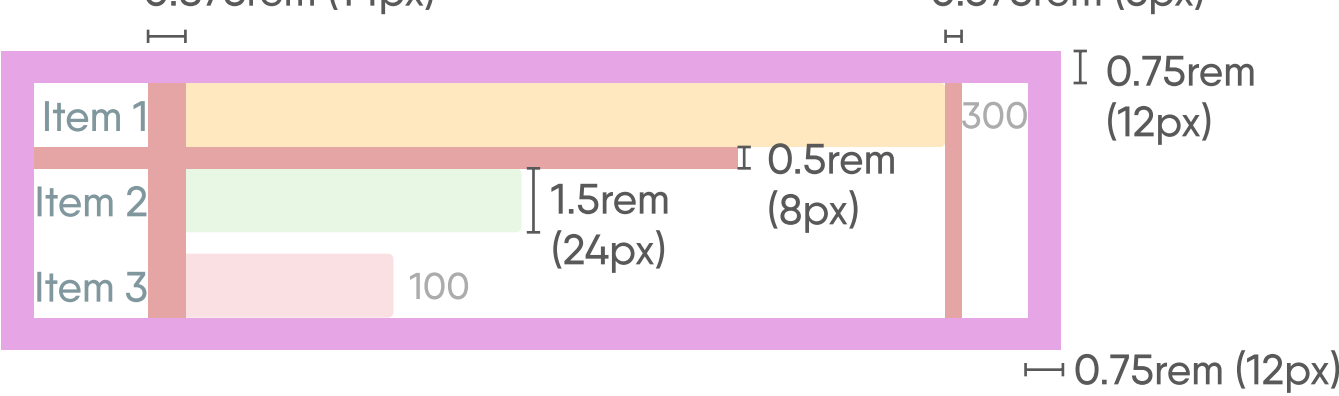
## Usage

Line charts are primarily used to display trends and patterns. Widely used to visualise time-series data, visualise insights or track performance metrics. Line charts give the user a clear way of understanding complex information, allowing them to make informed decisions and drivable actions.

## Simple bar anatomy



## Dimensions





1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
84

