

Case 1 – Data Selection

Case material for VBA Programming in Business Economics by Sanne Wøhlk

This small case extends Exercise 14.6. In the file of this case, monthly sales data are given for 10 teams. The data is shown below.

Team	Jan	Feb	Mar	Apr	May	Jun	Jul	aug	Sep	Oct	Nov	Dec
1	1587852	982275	3649666	1743929	1630673	3711443	1719212	3606370	2216710	814785	3775828	1191218
2	1879572	1389571	2294354	3648187	1365015	1645328	3753107	4057166	3041156	900318	2345015	1718945
3	1080502	1058863	1789935	3249197	1919727	1628954	3146729	4063154	1029223	3857466	3041160	3120365
4	1141951	1896089	2080015	3772453	1890976	1673379	1704613	2172569	4106134	4076513	1198880	1815126
5	2767529	761084	2662398	1449883	3116638	1055192	3839788	1905850	803370	4160742	2854099	2833326
6	2998545	3443004	1586885	2031718	1093314	1021467	992825	832486	4133305	3862301	907342	3961950
7	2953100	3035172	2099370	1456614	2999310	1719520	2840880	4071866	3995553	3492463	3671667	1351989
8	3136705	2141589	1083898	2308196	3171291	2145171	2669682	3168560	3119537	3027428	1105376	921268
9	944255	3686315	4099787	3416458	2556086	975799	759836	2048515	3002718	3759829	3540250	1781107
10	2850887	2929714	4171881	1437563	1431371	1401533	3821190	1087971	4035389	2489623	1703391	2747048

In the exercise you were asked to write a sub to create a chart displaying the data for three fixed months and four teams to be obtained from sheet 2.

In this case your job is to extend the solution to be flexible with respect to the months and the teams. The solution should also be flexible regarding the number of months and teams. Hence, the task is as follows: Write a program that given any set of teams and any set of months will display a chart showing the sales data of the selected teams during the selected months.

The selected months and the selected teams can either be obtained through a user form or be selected in the worksheet (in row 3 and column A, respectively) before the macro is executed.