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Digital Area for Networking
Teachers and Educators

Co-funded by
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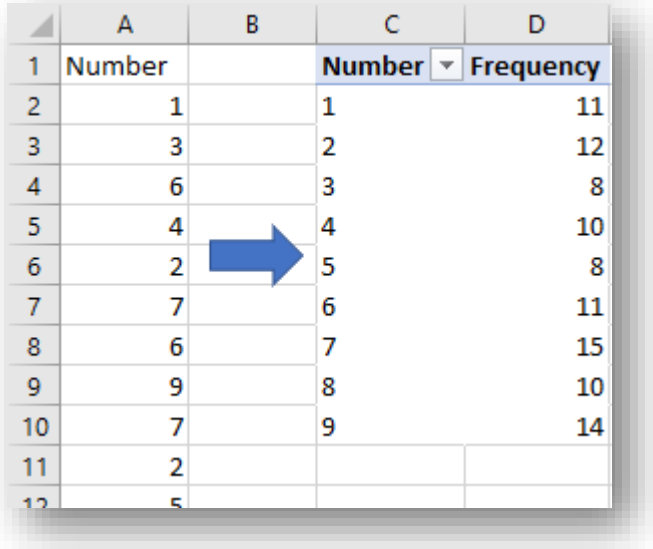
Data Analysis in MS Excel
Conclusion

Week 13

Exercise 1

Let's have a table with a single column called **Number** in the header and ninety-nine random numbers between 1 and 9 in the other rows. The number of rows 99 was chosen so that the table has 100 rows including the header and all formulas therefore have the same parameters for easier checking of your solution with the solution in the course. However, the number of lines does not matter.



	A	B	C	D
1	Number		Number	Frequency
2	1		1	11
3	3		2	12
4	6		3	8
5	4		4	10
6	2		5	8
7	7		6	11
8	6		7	15
9	9		8	10
10	7		9	14
11	2			

In Excel, try to think of as many ways as possible how to find out the frequency of individual numbers 1 to 9 in the Number column.

Exercise 2

Based on data from the history of the Olympic Games, try to solve the following tasks in different ways:

- Find extremes among athletes: the oldest, the youngest, the heaviest, the lightest, the highest, the smallest etc.
- How many medals was given to athletes?
- How many cities hosted Olympic Games?
- Average age of men and women?
- Athlete with the most gold medals?
- Athletes with gold medals from different sports?
- How many % of athletes are of each age?
- What sports were only once in history?

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