

31 Mär 07:45 /Volumes/Daten/wk/wkHome/GPS/_myGPS_Archivierung/Questions-to-GC_v2.rtf

How to import -csv data from GC-export in Germany

It starts with creating a -csv from GC:

-rw-r--r--@ 1 wk staff 10965 30 Mär 10:37 /Volumes/xxx/_myGPS_Archivierung/Activities.csv
By opening this file in Excel I get some unorganized data:

Aktivitätstyp	Datum	Favorit	Titel	Distanz	Kalorien	Zeit	HF	Max. HF	Geschwindigkeit	Maximale Geschwindigkeit	Positiver Höhenunterschied	Negativer Höhenunterschied
Mountainbiken,2020-02-12 12:05:false,"Königswinter Radfahren","15.82","712","01:43:21","122","160","9.2","35.9","723","720","0.00","0.0","-","-","-","-","0.0												
Radfahren,2020-02-11 12:23:43:false,"Lohmar Radfahren","13.21","551","01:10:46","123","148","11.2","38.5","320","345","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2020-02-08 10:06:35:false,"Lohmar Radfahren","24.34","1.323","03:03:05","129","166","8.0","40.5","995","999","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2020-02-06 14:12:38:false,"Schuld Radfahren","19.20","1.255","02:08:29","144","167","9.0","43.6","799","801","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Virtuelles Radfahren,2020-01-24 09:42:43:false,"Disentis/MustV@r Radfahren","19.78","1.629","01:34:25","-","-","12.6","66.5","1.769","2.834","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Virtuelles Radfahren,2020-01-23 09:06:59:false,"Disentis/MustV@r Radfahren","25.58","3.887","02:28:11","-","-","12.0","39.9","4.338","4.164","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2020-01-22 09:52:15:false,"Disentis/MustV@r Radfahren","3.89","85","-","-","0.22:1","-","-","10.5","28.2","154","1.101","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Virtuelles Radfahren,2020-01-21 14:36:40:false,"Disentis/MustV@r Radfahren","6.25","90","00:46:55","-","-","8.0","32.5","82","1.337","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-11-07 07:58:36:false,"Sankt Augustin Radfahren","17.09","614","01:15:19","127","177","13.6","27.9","200","90","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-10-19 13:38:02:false,"Bonn Radfahren","35.86","1.310","02:43:03","133","171","13.2","46.6","855","913","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Mountainbiken,2019-10-16 09:11:41:true,"Burscheid Radfahren","13.63","565","01:27:48","117","152","9.3","33.1","539","532","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Mountainbiken,2019-10-13 12:27:47:false,"Lohmar Radfahren","23.04","958","02:57:58","121","171","7.8","40.0","581","582","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-09-24 16:09:12:false,"Lohmar Radfahren","10.34","540","01:34:14","115","152","6.6","31.3","304","306","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-09-22 16:37:11:false,"Lohmar Radfahren","0.51","41","00:04:36.5","130","149","6.6","17.0","29","1","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-09-21 10:06:09:false,"RVörsrath Radfahren","48.49","2.489","07:23:20","123","173","6.6","57.2","1.307","1.320","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-09-20 17:13:21:false,"Lohmar Radfahren","6.54","292","00:46:23","125","158","8.5","38.9","177","181","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
...												

Red rectangles indicate problems with „Umlaute“, blue arrows show decimal-point and thousand-separator, respectively.

Solving the problem with „Umlaute“ is described in „Garmin-Activity-List.pdf“, „Bild1“ and „Bild2“ (unfortunately in german). Result is „Activities (2).txt“ which looks like this:

Aktivitätstyp	Datum	Favorit	Titel	Distanz	Kalorien	Zeit	HF	Max. HF	Geschwindigkeit	Maximale Geschwindigkeit	Positiver Höhenunterschied	Negativer Höhenunterschied
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Radfahren,2019-11-07 07:58:36:false,"Sankt Augustin Radfahren","17.09","614","01:15:19","127","177","13.6","27.9","200","90","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-10-19 13:38:02:false,"Bonn Radfahren","35.86","1.310","02:43:03","133","171","13.2","46.6","855","913","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Mountainbiken,2019-10-16 09:11:41:true,"Burscheid Radfahren","13.63","565","01:27:48","117","152","9.3","33.1","539","532","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Mountainbiken,2019-10-13 12:27:47:false,"Lohmar Radfahren","23.04","958","02:57:58","121","171","7.8","40.0","581","582","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-09-24 16:09:12:false,"Lohmar Radfahren","10.34","540","01:34:14","115","152","6.6","31.3","304","306","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-09-22 16:37:11:false,"Lohmar Radfahren","0.51","41","00:04:36.5","130","149","6.6","17.0","29","1","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-09-21 10:06:09:false,"RVörsrath Radfahren","48.49","2.489","07:23:20","123","173","6.6","57.2","1.307","1.320","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
Radfahren,2019-09-20 17:13:21:false,"Lohmar Radfahren","6.54","292","00:46:23","125","158","8.5","38.9","177","181","0.00","0.0","-","-","-","-","0.0","-","-","0.0												
...												

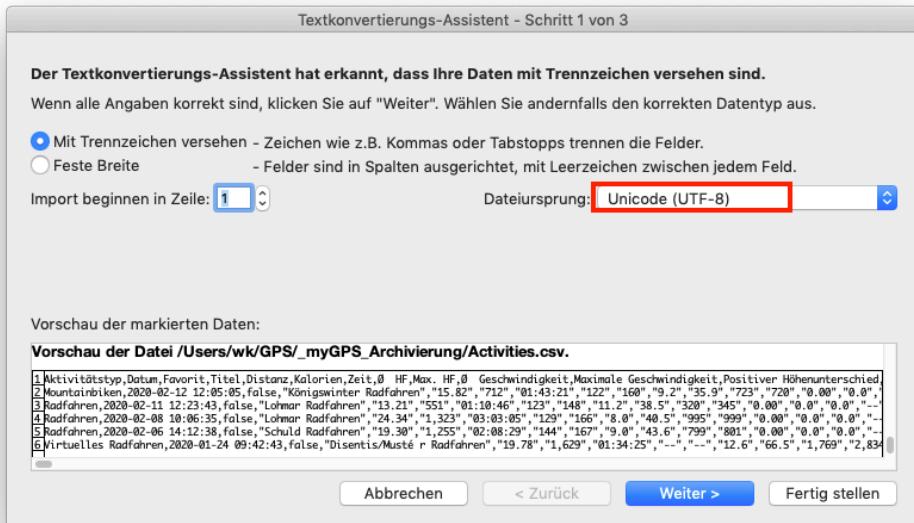
Importing this file to Excel described in Bild4 and Bild5 gives:

103936 31 Mär 08:42 /Users/wk/GPS/_myGPS_Archivierung/Activities (2).xls, which contains the following tabs:

Activities: direct reading of „Activities.csv“.

Tabelle1: import of „Activities (2).txt“ described in Bild4 and Bild5.

Tabelle2: import of „Activities.csv“ using „UTF-8“ in the first step and conversion of „,“ and „.“.



Here, I have used a newer version of Excel and the columns and values seem to match correctly in both, „*Tabelle1*“ and „*Tabelle2*“. This problem is solved.

List of abbreviations

GC: Garmin Connect

-csv: "comma seperated values"-file