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IMPORT DATA ACQUISITION

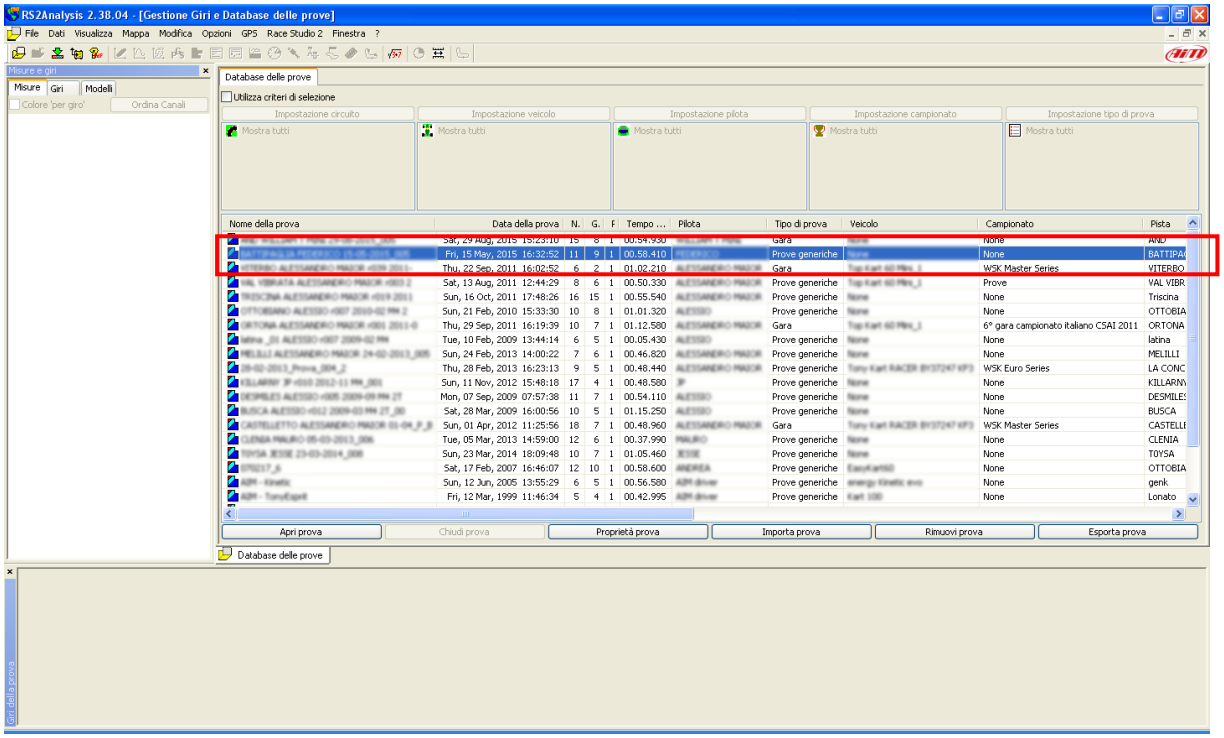
In the software NT-Project that use the acquired data, it's necessary to export the data from the software of your acquisition system, and then import it in the software. Below will show how export your data from the main acquisition system in the right format for our software.

DATA ACQUISITION SYSTEM AIM

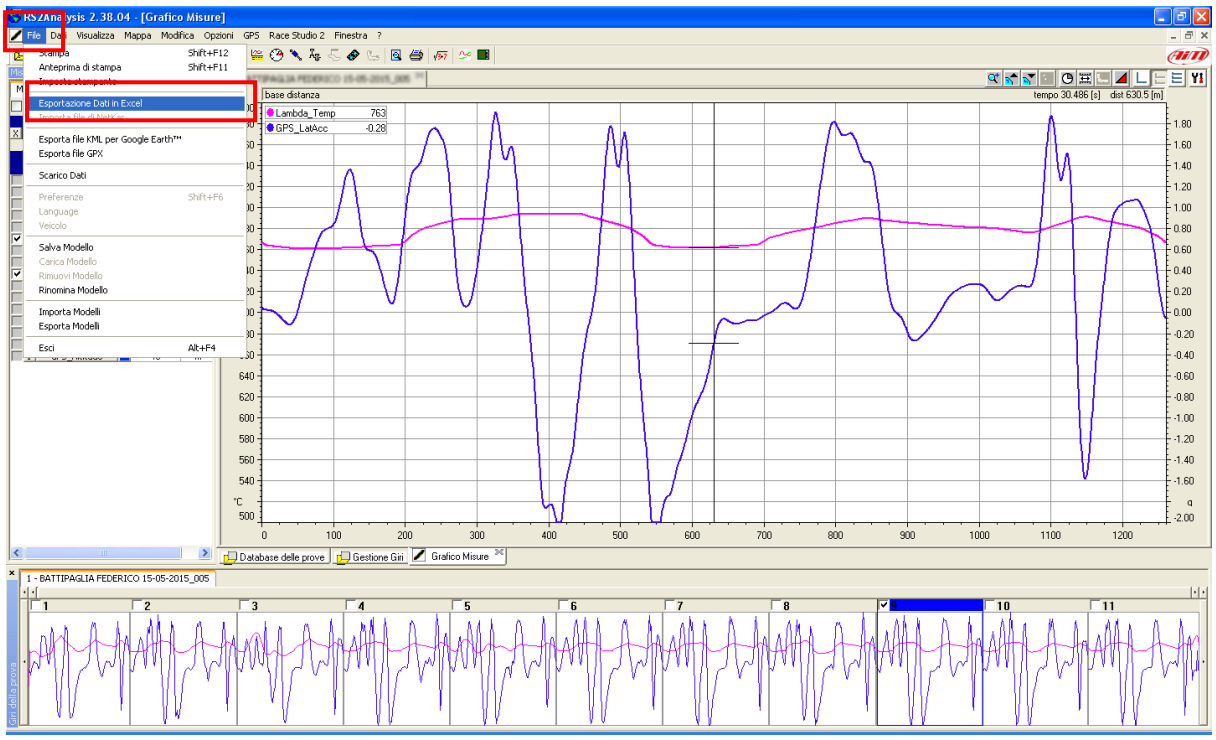
The data can be exported both from Race Studio 2 (RS2) and from Race Studio 3 (RS3), we recommend to export them again from RS2 because it is possible to manage more parameters (eliminate bad laps, set the export frequency, etc. .

software Race Studio 2 (RS2)

Load the run that you want analyze

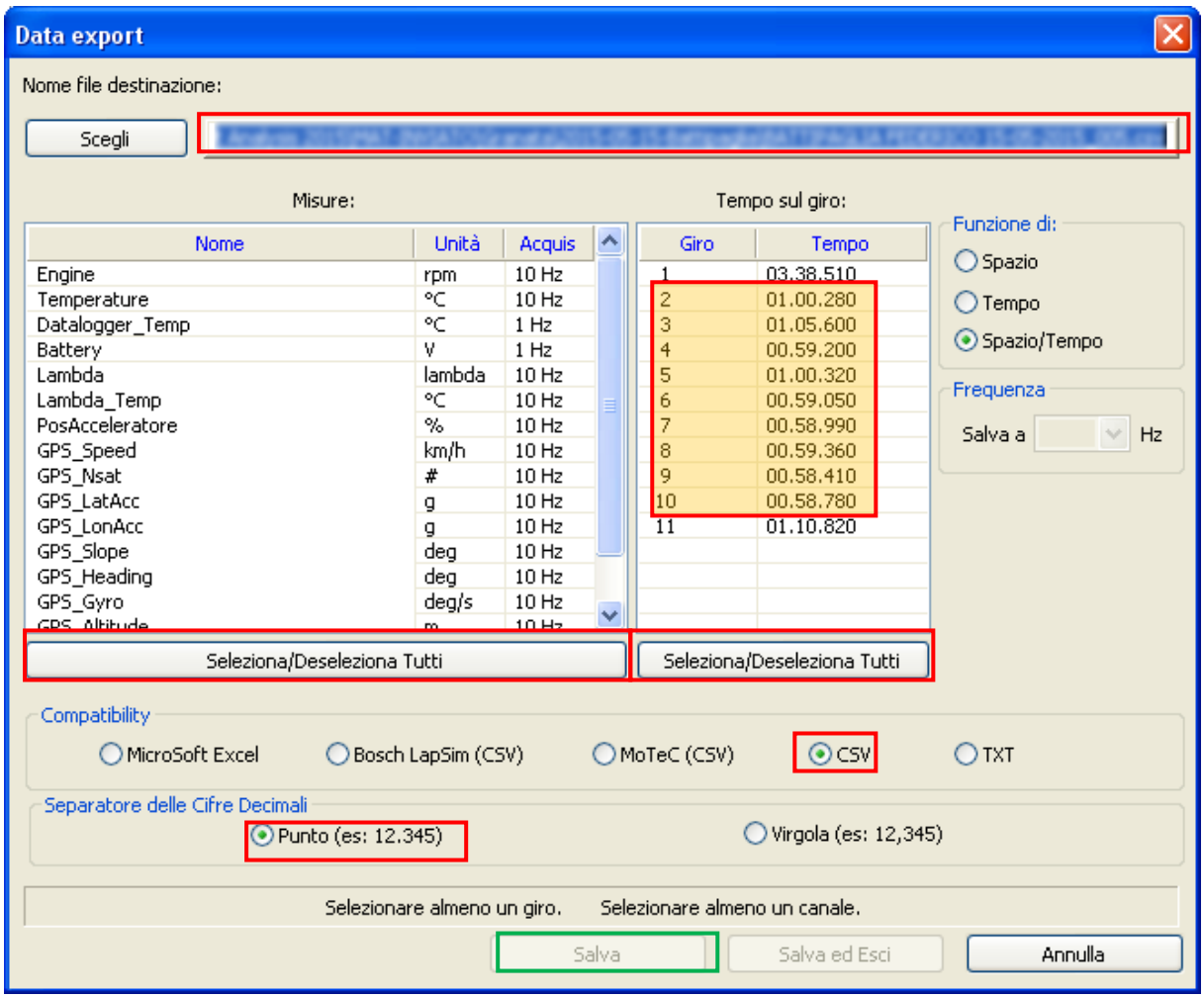


After that you've loaded the run, go to menu "File" and select "Export Data in Excel"



At this point select:

- all the measure
- all the good laps
- the dot like separator decimal
- csv how format
- the name of outfile

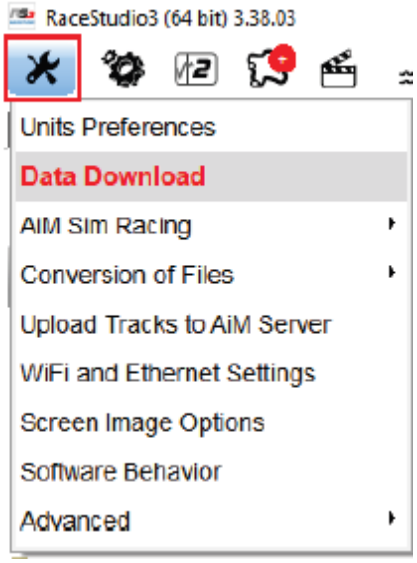


At this point click "Save" and you will have the csv file that you can import into the software to analyze it.

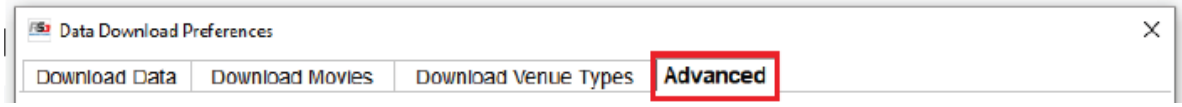
software Race Studio 3 (RS3)

Select preferences (first icon at the top left)

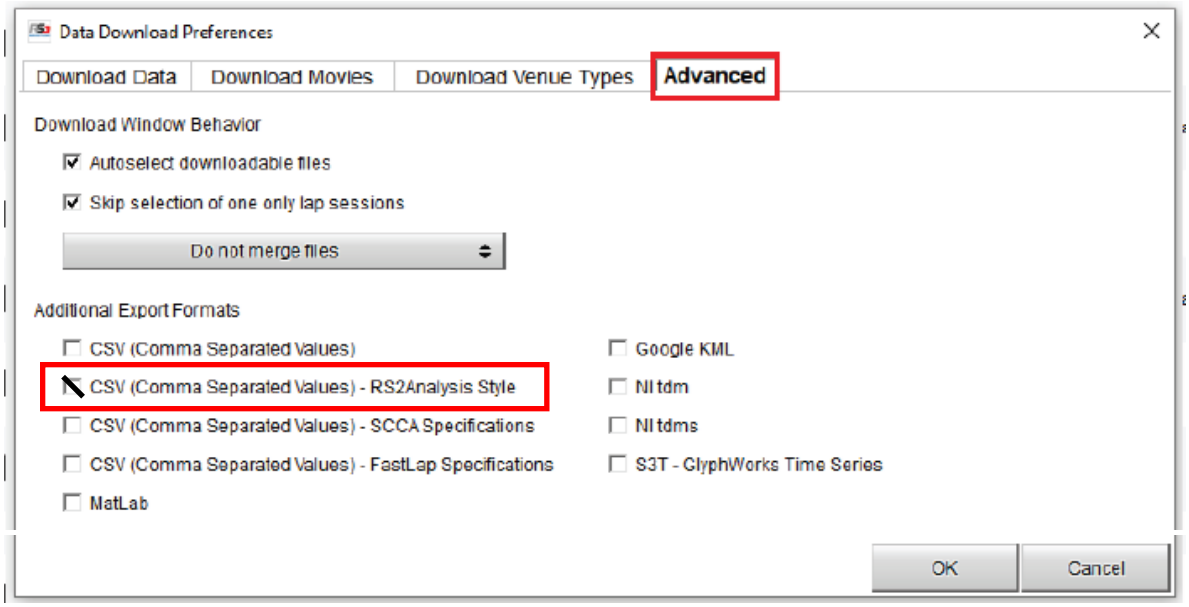
In the menù to click on Data Download



In the window that appears to select Advanced tab



In this tab to set CSV (Comma Separed Values) – RS2Analysis Style

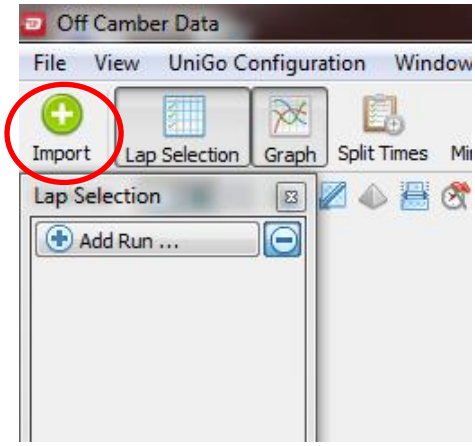


Every time you download the data, in the download folder there will be the CSV to import into the NT-Project software

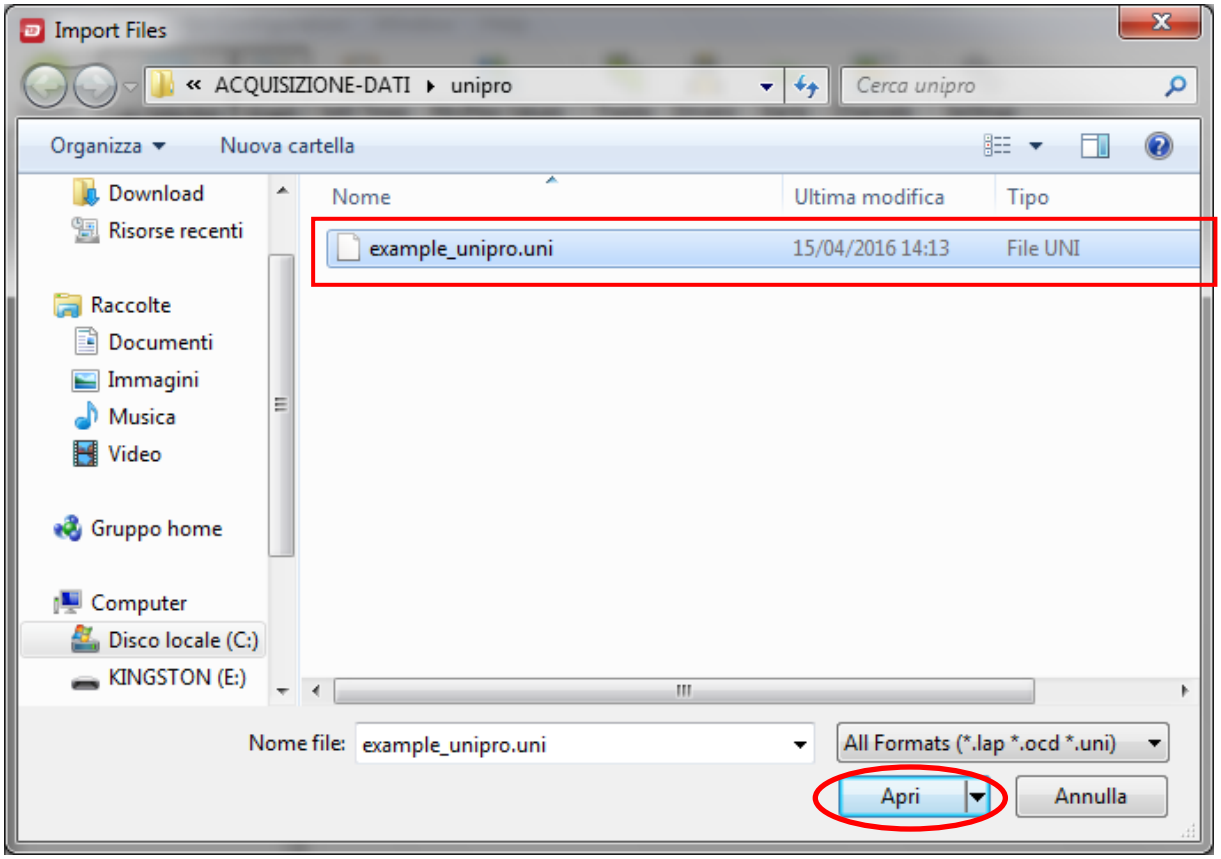
DATA ACQUISITION SYSTEM UNIPRO

software DATA ANALYZER or OFF CAMBER DATA

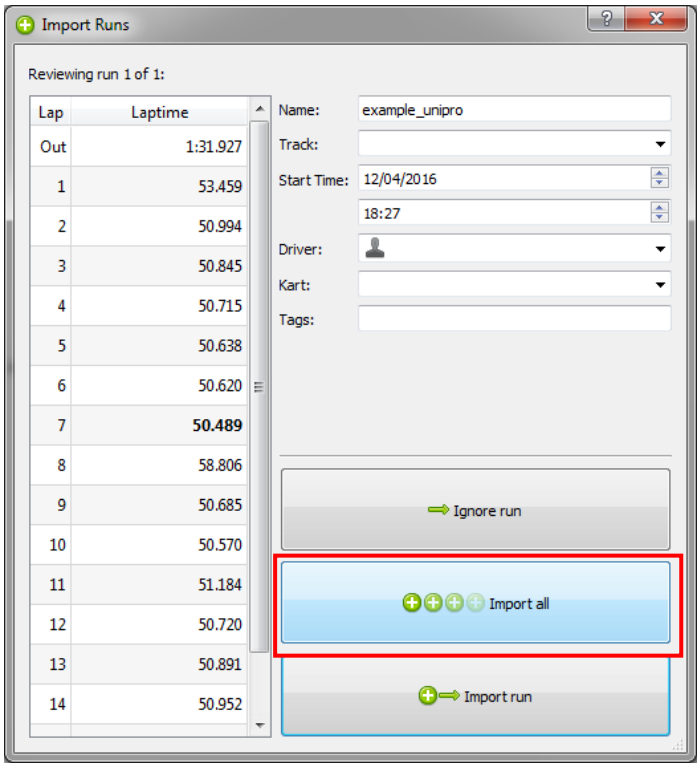
Load the run that you want analyze clicking on the button "Import"



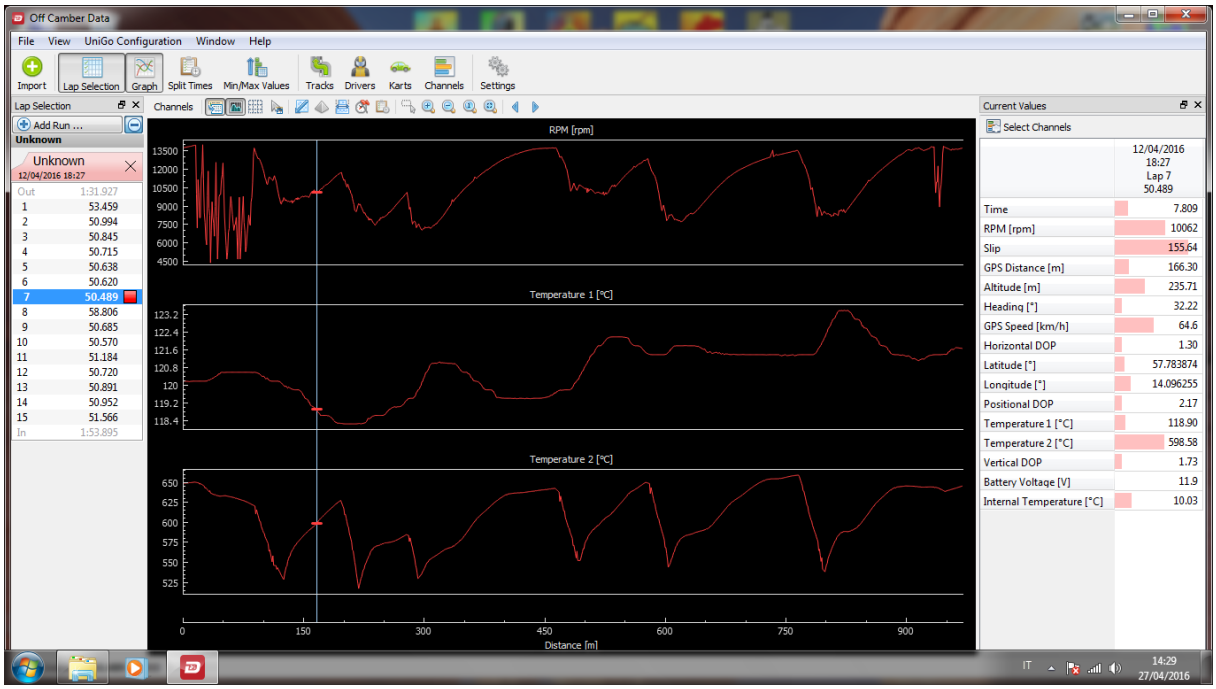
Select the file (*.uni , *.lap, *.ocd) with the run that you want analyze and click "Open"



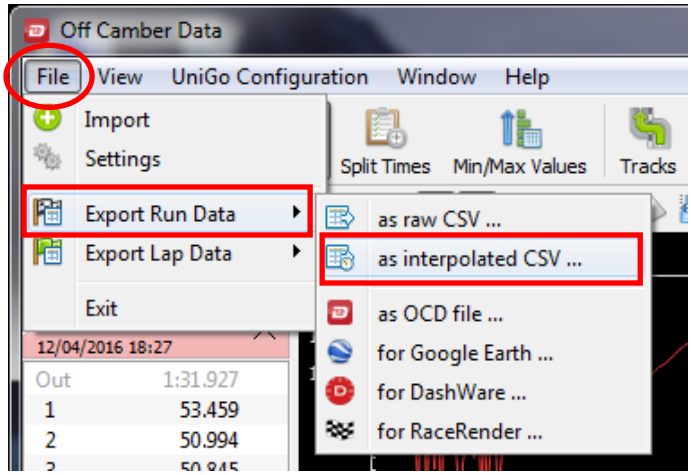
In the new window click on the button "Import All"



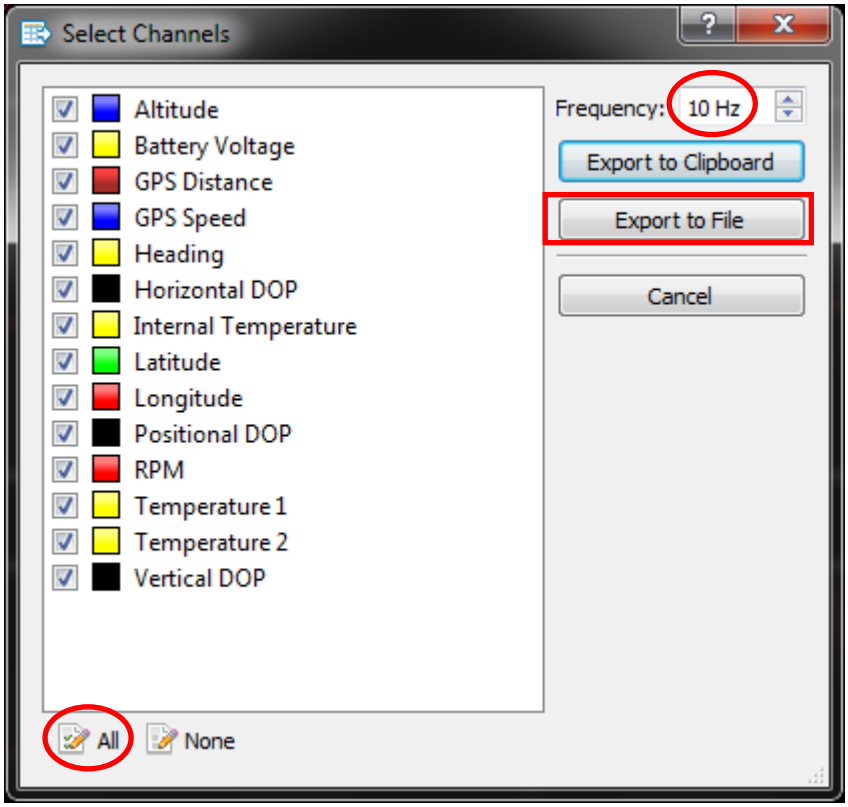
So you'll have the run loaded



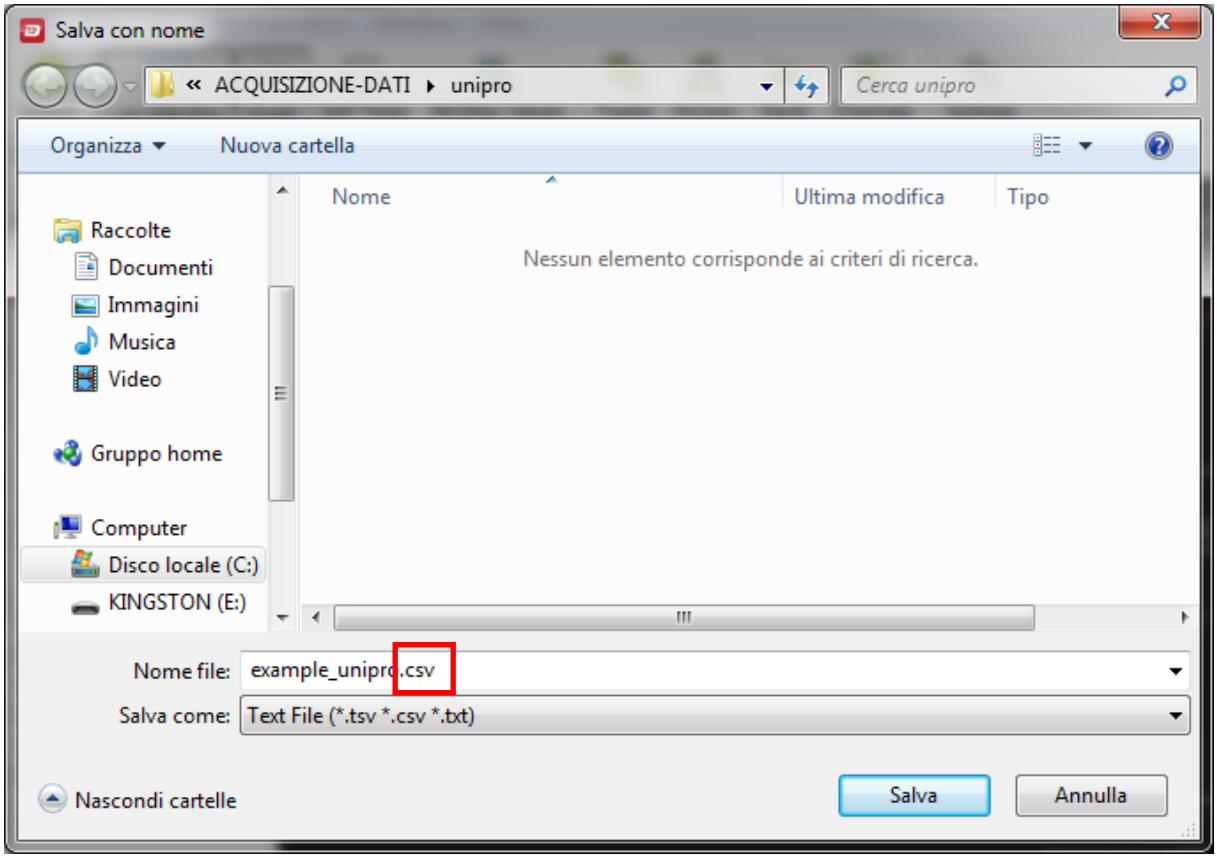
At this point you must simply click on the menù "File", select "Export Run Data" and therefore click on "as interpolated CSV …"



In the new window select "All" the channels, "10 Hz" how frequency, and then click on the button "Export to File"



Select the directory where you want save the file exported, and give it a name.
In the name it's important that you write also the extension .csv before to save, for example runxx.csv

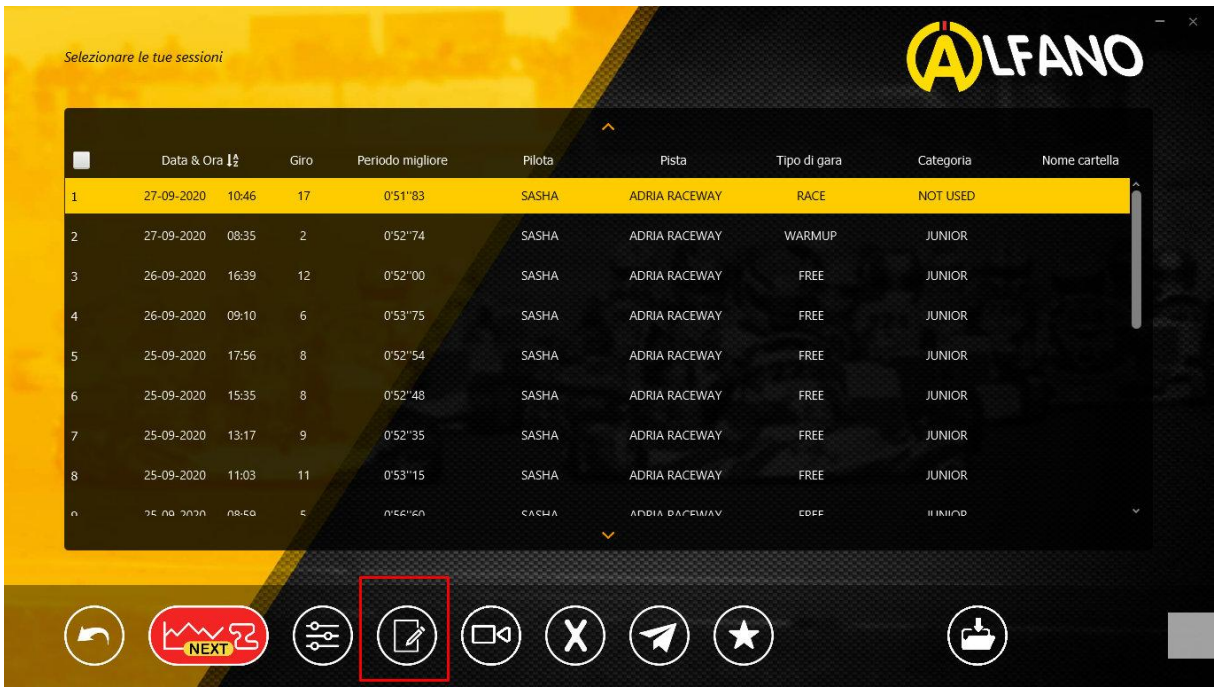


In the file exported from unipro, is better to select lap from 2 or upper, because the first lap is of exit from box.

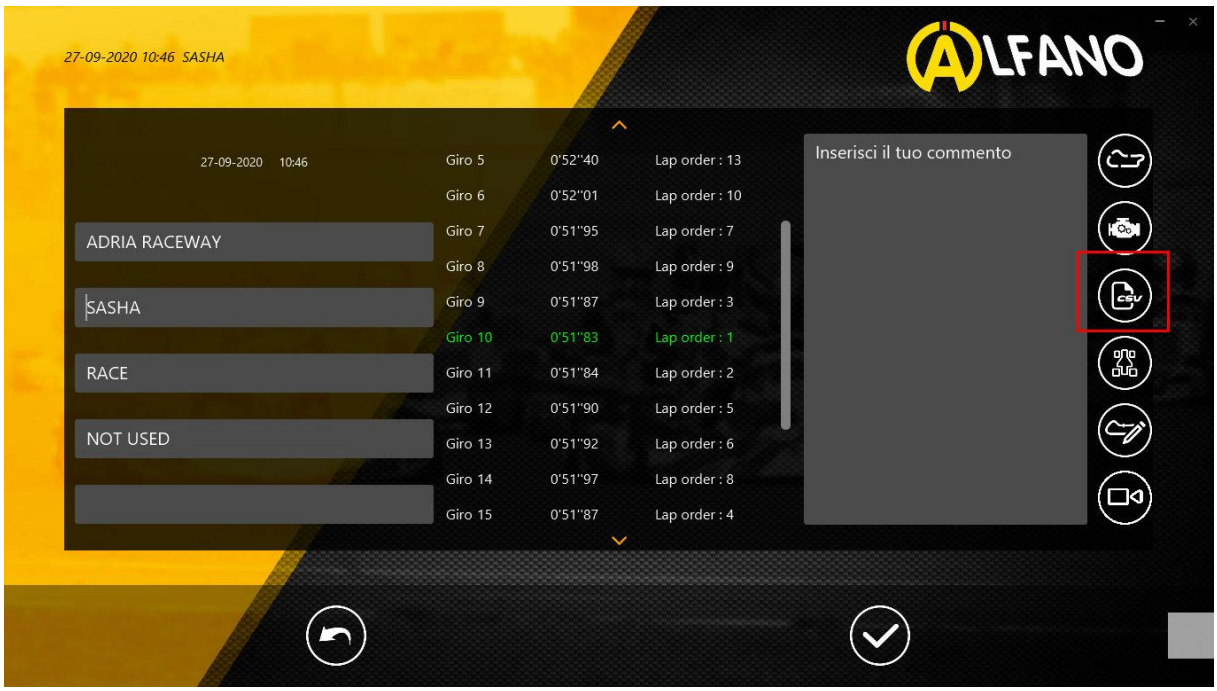
DATA ACQUISITION SYSTEM ALFANO

software Alfano Data Analysis

Download the session that you want using, open it, and click on the icon marked on the image below.

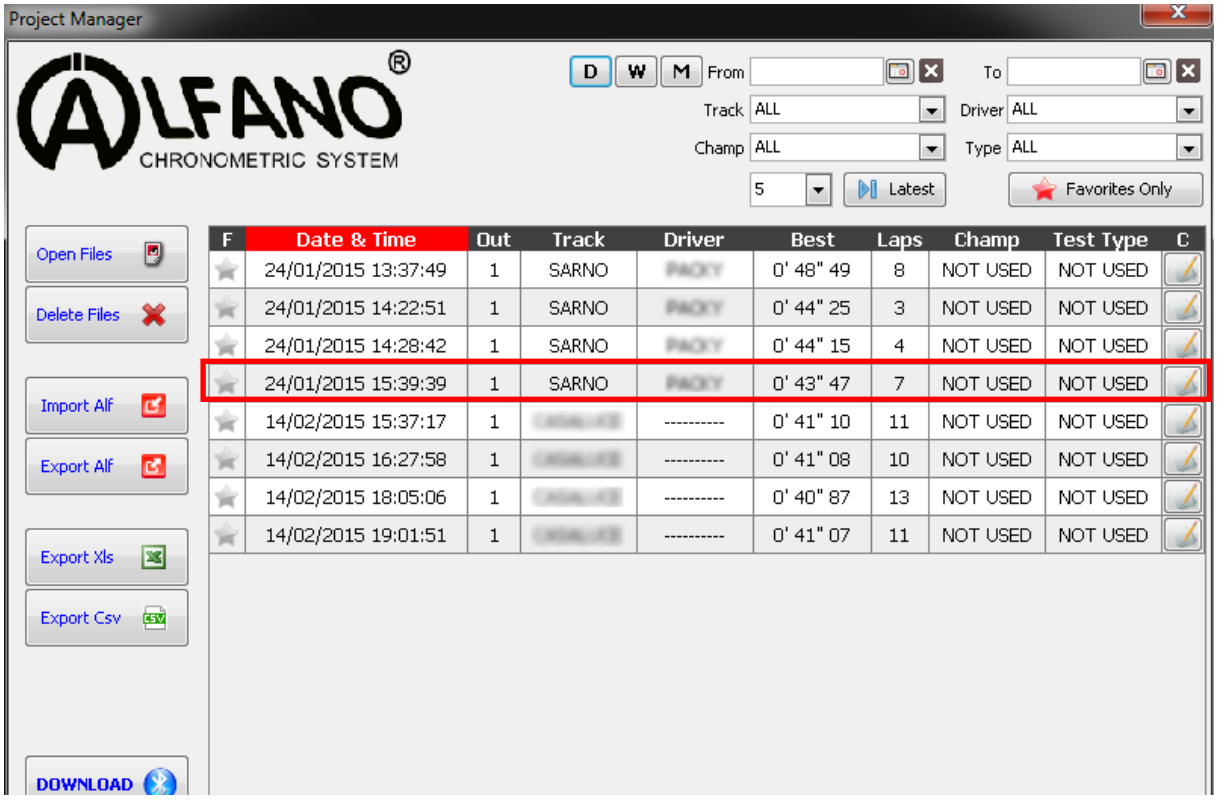


At this point click on the other icon marked in image below.



software Alfano VisualData2 v1.X.XX

Download the run that you want analyze, and to select it.



At this point click on the button "Export Csv" , select the directory where you want save the file exported.

At this point click "Save" and you've the file csv that you can import in the software.

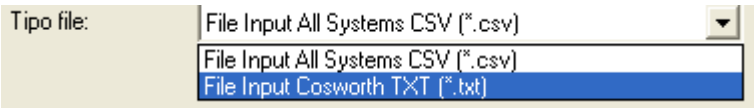
software OFF CAMBER DATA

You can export the file csv from the software OFF CAMBER DATA for ALFANO, and you can refer to the previous description for UNIPRO.

DATA ACQUISITION COSWORTH

software PI-TOOLBOX-DATA

To import the files exported from PI-TOOLBOX-DATA is necessary select the type file TXT in the window that appear after that you've clicked on the button of import of the software



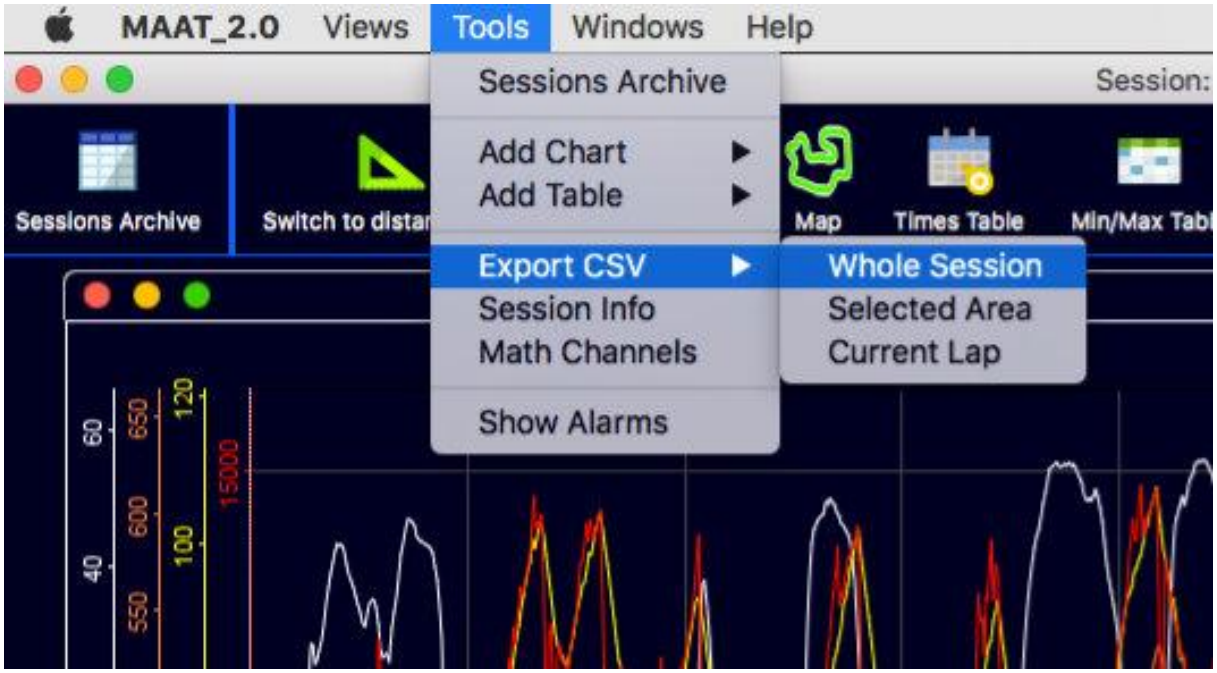
ACQUISIZIONE STARLANE

software MAAT 2.0

Make double click on the lap to start session analysis.

Lap	Lap Time	Split 1	Split 2	Split 3	Split 4	Max RPM	Max Speed	Max H2O	Max TK	Compare
0	00:49.08	00:00.00	00:00.00	00:00.00	00:49.08	0	0	0	532	
1	01:24.00	00:12.55	00:09.02	00:26.62	00:35.81	15544	114	52	589	
2	00:49.96	00:11.99	00:08.47	00:16.43	00:13.06	16008	118	52	644	
3	00:49.09	00:11.39	00:08.31	00:16.38	00:13.02	16038	118	53	648	
4	00:48.82	00:11.39	00:08.26	00:16.26	00:12.91	16029	118	53	648	
5	00:48.81	00:11.29	00:08.30	00:16.31	00:12.92	16051	118	48	649	
6	00:48.69	00:11.26	00:08.28	00:16.27	00:12.89	16042	118	46	648	
7	00:48.77	00:11.29	00:08.25	00:16.33	00:12.89	16029	118	46	645	
8	00:48.80	00:11.25	00:08.28	00:16.38	00:12.89	16042	118	48	648	

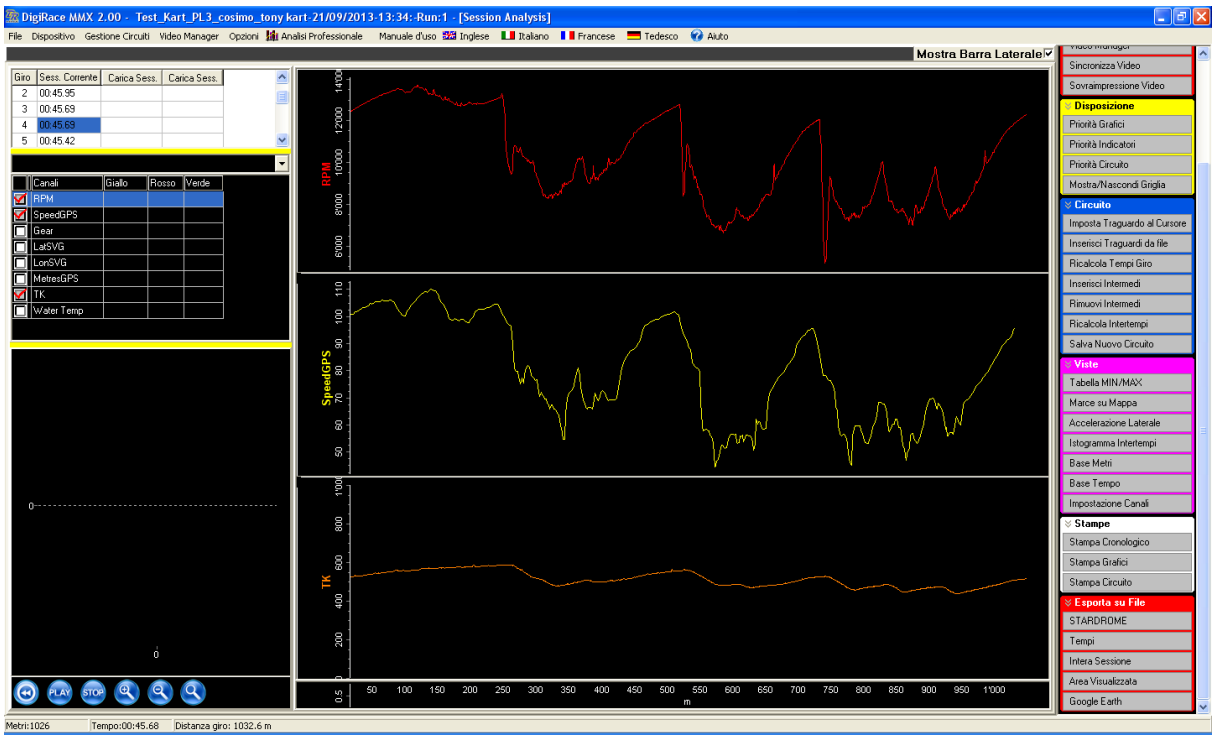
From the menù "Tools" to select "Export CSV" e "Whole session"



software DIGIRACE MMAX

Open the DigiRace MMX 2.XX software and after downloading it, select the run, and enter the analysis area by double-clicking on the test summary table.

You'll have this screenshot:



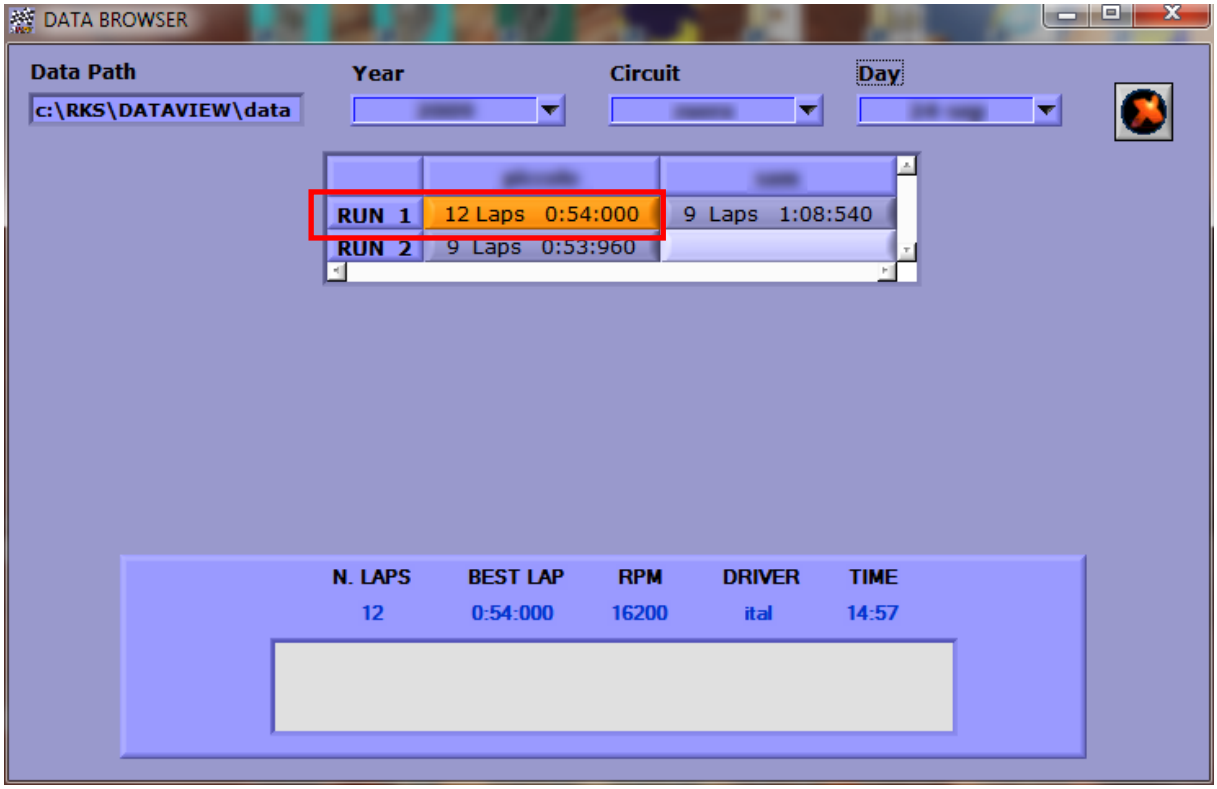
In the sidebar at the bottom, in the Export to File section, select "Entire Session" and save the test file in *.CSV format which you can import into the software to analyze it.

ACQUISITION DAKTON - RKS

software DATAVIEW V2.5

Open the software Dataview

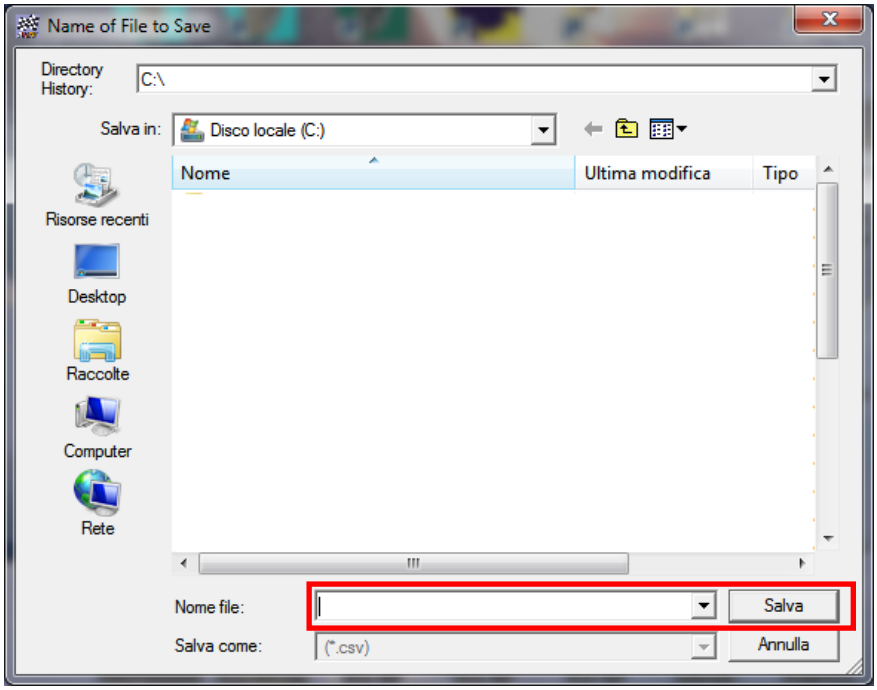
Click on the icon of Data Analysis 



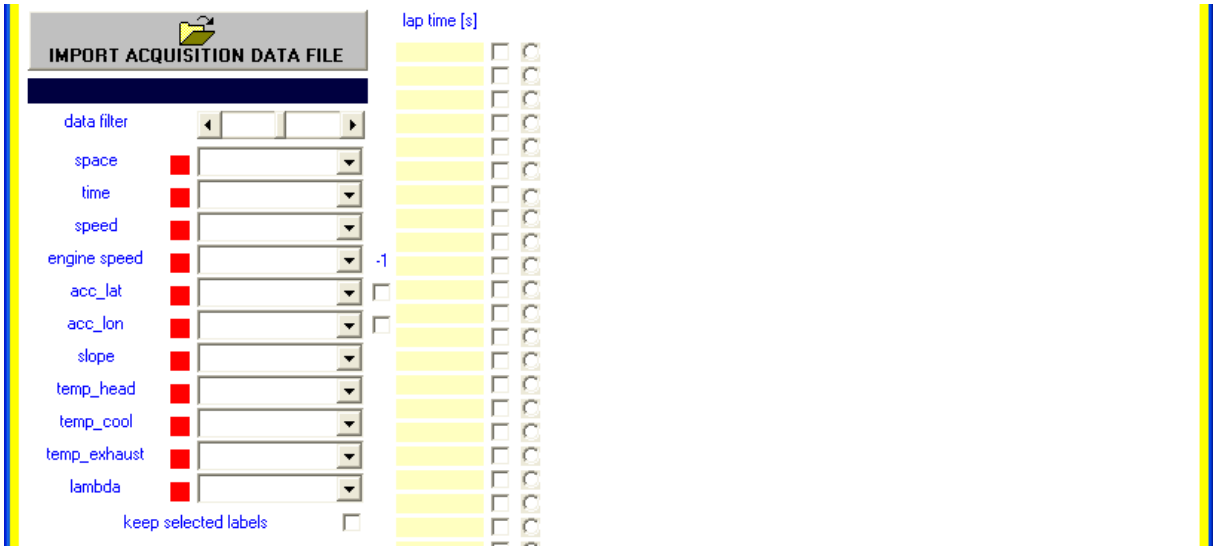
To select the session that you want analyze, and to make double click to open it.

To click on the icon of Export lap on file .csv”

To click on “Yes” and to enter the name that you want for the exported file

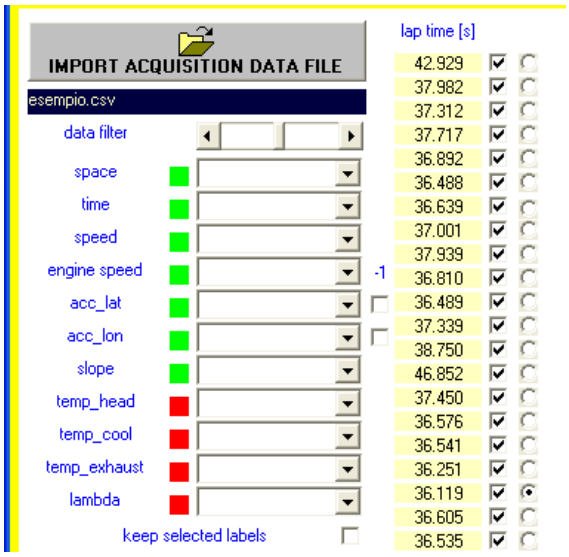


After that you've exported the file from the software of your acquisition system, in each software NT-Project there is a tab named ACQUISITION, that you can see clicking on the corresponding button:



The file CSV that you've exported can be entered by clicking the "IMPORT FILE DATA ACQUISITION" button

The software recognizes automatically your acquisition system, and if you've the default name for the channels necessary to make the analysis, you'll see the corresponding squares of color green, if instead you've different names for some channels, you'll have the square red, in this case from the list beside, you must simply select the right name of your channel for the specific quantity.



If you want keep the channel name selected you must simply check the box (keep selected labels)

The data export to have a good comprimise between precision and speed calculation should be 10 hz, if your acquisition software exports only at higher frequency to select the option below

On the right you can select the laps that you want analyze. Usually we advice to select the best 5-6 laps.