FP20 ANALYTICS

FP20 Challenge Tips

To convert a column of type time using a DAX measure or M code, you can use the following expressions

In DAX

Example Column Minutes (DAX)
37
1415
171
159
97
1211
1289

In M code

123 Example Column Minutes (M)
172
958
1142
241
1426
234
254

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FP20 Challenge Tips

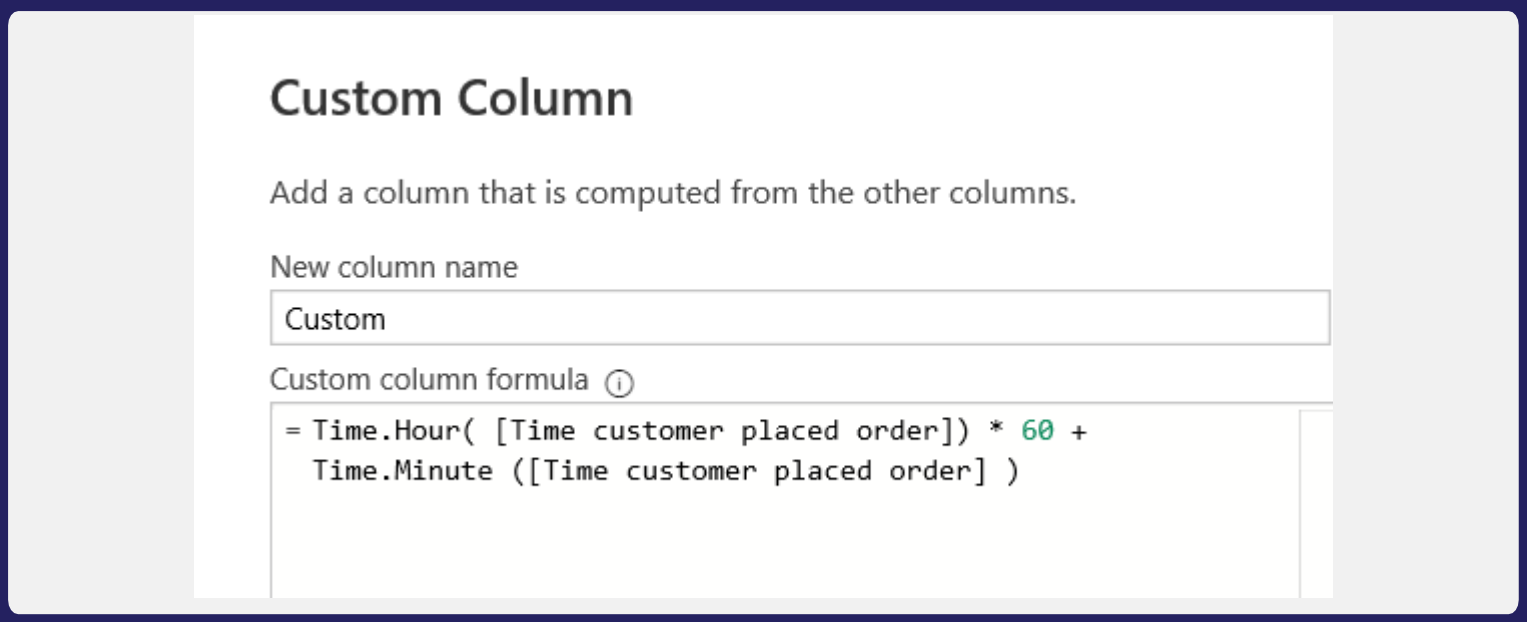
It is important to transform time type columns to minutes because it provides several benefits for data analysis. Here are some examples of usefulness

1. Call time analysis: By converting the values of hours, minutes, and seconds to minutes, you can calculate the total duration of calls made in the call center. This would allow you to perform analysis on the average duration of calls, identify long or short calls, and make comparisons between different time periods

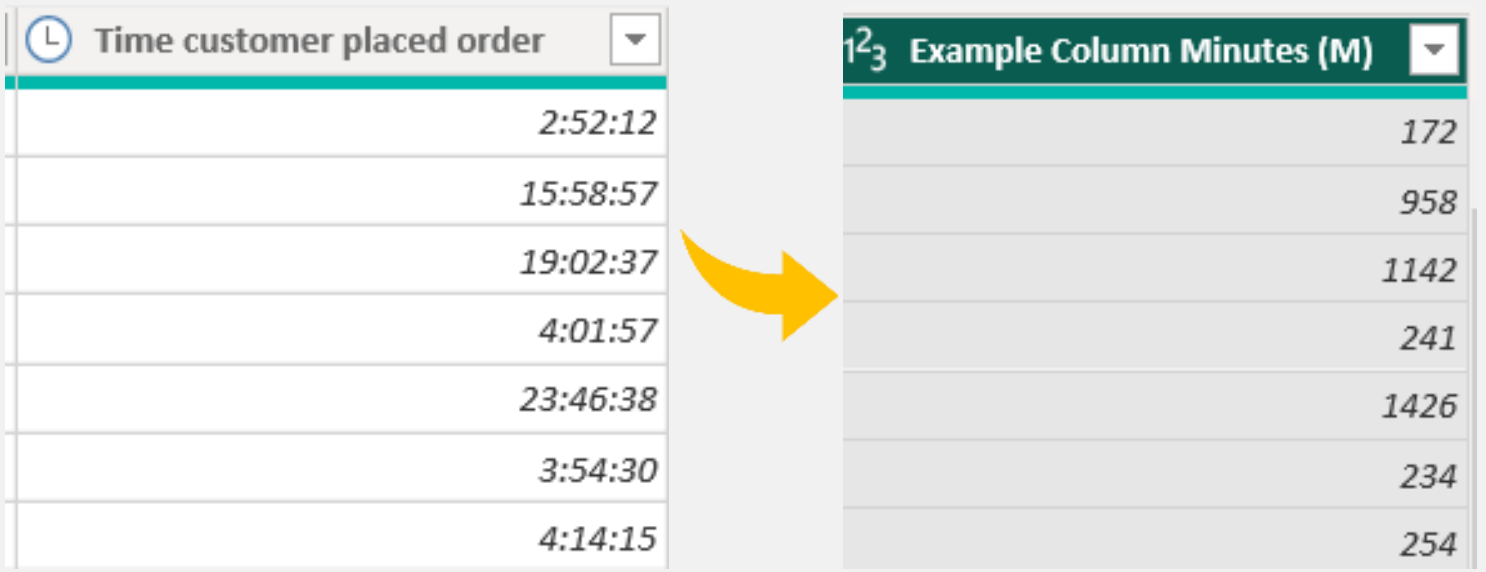
2. Performance metric calculation: With the call duration in minutes, you can use this information to calculate various performance metrics in the call center. For example, you can calculate the average number of calls attended by an agent per hour, the average customer waiting time, the average problem resolution time, etc

FP20 Challenge Tips

1 First way to do this in M code in power query adds a column with this code



The result



Time customer placed order	Example Column Minutes (M)
2:52:12	172
15:58:57	958
19:02:37	1142
4:01:57	241
23:46:38	1426
3:54:30	234
4:14:15	254

FP20 Challenge Tips

2 Second way to do this is with a Calculated Column and DAX measure.

```
1 Example Column Minutes (DAX) =
2 Hour ( Example_Get_Minutes[Time customer placed order] ) * 60 +
3 Minute ( Example_Get_Minutes    [Time customer placed order] )
```

The result

Time customer placed order	Example Column Minutes (DAX)
0:37:43	37
23:35:10	1415
2:51:54	171
2:39:23	159
1:37:14	97
20:11:32	1211
21:29:46	1289