

Video #22 Homework

1. For this homework, I will provide the Data Set and some brief instructions, but you should just pay around with the things you learned in this Video #22, given the data set that I have provided.
2. There is a single Worksheet with a single Proper Dataset in the Excel Workbook file named "022-MSPTDA-HomeworkSourceData.xlsx".
3. Open up a blank Power BI Desktop File and import the Proper Dataset from the Excel Workbook file named "022-MSPTDA-HomeworkSourceData.xlsx". The Fact Table might look like this:

	DateID	Product	Revenue	HourID
1	9/8/15	Aspen	604.83	10
2	12/11/15	Yanaki	590.37	23
3	12/19/15	Bellen	73.58	18
4	8/23/15	Quad	1222.47	12
5	7/9/15	Crested Beaut	579.79	5
6	6/30/15	Manu LD	1000	16
7	7/1/15	Bellen	100	13
8	8/2/15	Fire Aspen	1278.75	4
9	11/16/15	Sunspot	560	12
10	12/9/14	Bower Aussie Round	129	19
11	12/8/15	Quad	2011.24	8
12	12/13/14	Fun Fly	127.5	16
13	8/23/15	Aspen	162.96	3
14	11/20/15	Carlota Doublers	294.3	11
15	8/26/15	Aspen	64.6	11
16	12/12/15	Aspen	1286.36	14
17	12/13/14	Fun Fly	10	12
18	12/12/14	Fun Fly	155.59	16
19	7/28/15	Fun Fly	10	15
20	8/25/15	Aspen	122.22	16

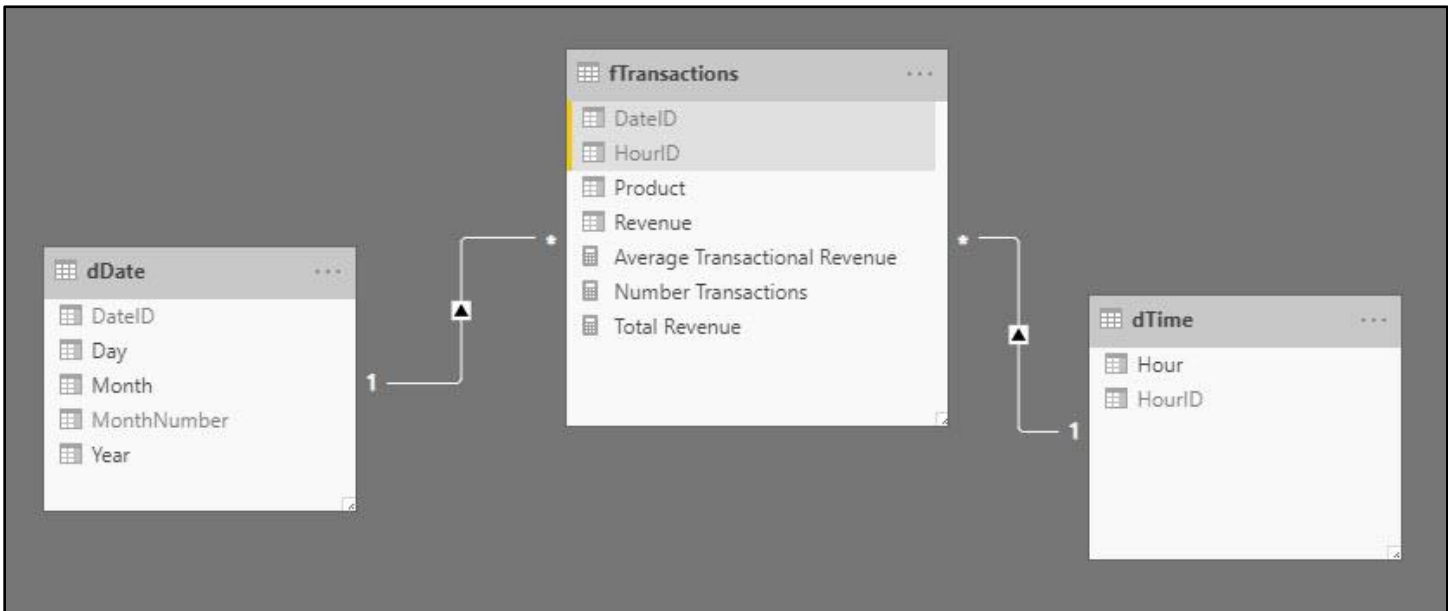
4. Create a Date Dimension Table. Maybe like this:

DateID	MonthNumber	Month	Year	Day
01/01/2014	1	Jan	2014	Wed, 01/01/2014
01/02/2014	1	Jan	2014	Thu, 01/02/2014
01/03/2014	1	Jan	2014	Fri, 01/03/2014
01/04/2014	1	Jan	2014	Sat, 01/04/2014
01/05/2014	1	Jan	2014	Sun, 01/05/2014
01/06/2014	1	Jan	2014	Mon, 01/06/2014
01/07/2014	1	Jan	2014	Tue, 01/07/2014
01/08/2014	1	Jan	2014	Wed, 01/08/2014
01/09/2014	1	Jan	2014	Thu, 01/09/2014
01/10/2014	1	Jan	2014	Fri, 01/10/2014
01/11/2014	1	Jan	2014	Sat, 01/11/2014
01/12/2014	1	Jan	2014	Sun, 01/12/2014
01/13/2014	1	Jan	2014	Mon, 01/13/2014
01/14/2014	1	Jan	2014	Tue, 01/14/2014
01/15/2014	1	Jan	2014	Wed, 01/15/2014

5. Create a Time Dimension Table. Maybe like this:

HourID	Hour
0	12 AM
1	01 AM
2	02 AM
3	03 AM
4	04 AM
5	05 AM
6	06 AM
7	07 AM
8	08 AM
9	09 AM

6. The Data Model with Relationships and Measures, might look like this:



7. Create a Dashboard something like this:

