09:13:16 PST
**Question:** Excel & Tabular models - which will take more memory?
**Answer:** Tabular models on the server will support more memory.

09:21:58 PST
**Question:** Can anyone pls give the code needed to claim the 50points....I didn't capture it earlier on at the beginning, tx!
**Answer:** [http://aka.ms/MVA-Voucher](http://aka.ms/MVA-Voucher)

09:23:38 PST
**Question:** How do we change an installation from multidimensional to tabular?
**Answer:** You can do this via an .ini file, but it is not recommended or supported by Microsoft.

09:25:32 PST
**Question:** So we must uninstall sql server and install again with tabular mode?
**Answer:** You don't have to uninstall, you could just install a named instance of the tabular model.

09:29:03 PST
**Question:** Can you install the tabular module if you are installing sql 2012 using SCCM 2012?
**Answer:** If it is just the database engine hosting the SCCM databases, then you can absolutely install a named instance. However, I would recommend that you have a dedicated machine to SSAS, tabular or multidimensional.

09:31:08 PST
**Question:** So we can use both multidimension and tabular instances in same sql server installation?
**Answer:** Yes you can. Just consider the memory requirements of each.

09:33:51 PST
**Question:** Will this session be recorded and available to watch later?
**Answer:** Yes.

09:36:27 PST
**Question:** Is there any documentation around more detailed comparison between Multidimensional and Tabular? I am looking for guidance on which model to use when starting new BI application from scratch.

09:41:39 PST
**Question:** After changing to tabular, How much ram need to work with tabular data base?
**Answer:** This depends on the model itself. Later in the session we will discuss it.

09:43:12 PST
**Question:** I read somewhere that PowerPivot is fine for prototyping, but when a model is imported into a tabular SSAS instance, not all features are compatible. Can you expand on this? Thanks.
**Answer:** Your are correct. See this link for more details: [http://msdn.microsoft.com/en-us/library/gg492155.aspx](http://msdn.microsoft.com/en-us/library/gg492155.aspx)

09:46:32 PST
**Question:** How can we verify if SSAS is multidimensional or Tabular?
**Answer:** The easiest way is to connect to the instance in SSMS and click on the server and select properties. In the window that appears locate server mode on the information page and that will tell you the type.
Implementing Tabular Data Models Jump Start

Q&A Log

09:46:53 PST
Question: eliasal posted:
> Quoted answer: The easiest way is to connect to the instance in SSMS and click on the server and select properties. In the window that appears locate server mode on the information page and that will tell you the type.
Answer: double-click

09:51:55 PST
Question: is this work with sql server express version
Answer: Express can be used as a source, but you will need a minimum on Enterprise or BI edition to create tabular models.

09:54:28 PST
Question: Can we import data from Cognos cubes
Answer: This link list all the possible data sources: http://msdn.microsoft.com/en-us/library/gg492165.aspx

09:54:35 PST
Question: can we import from Powerpivot
Answer: This link list all the possible data sources: http://msdn.microsoft.com/en-us/library/gg492165.aspx

09:55:17 PST
Question: We see how connect difference sources ?
Answer: Costas, do you want us to connect to a different source? Or are you asking can we connect to different sources. If it is the later, yes.

09:56:43 PST
Question: How does the impersonation works if we are importing from Oracle?
Answer: We will answer that question in the Security Section.

09:58:29 PST
Question: can virtual studio express 2013 desktop version be used to do this ?
Answer: You have to download SSDT. check out this link: http://msdn.microsoft.com/en-us/data/tools.aspx

10:02:49 PST
Question: How UNIQUE Constraints are handeld during the Import?
Answer: Hmm. I think you have stumped the chump 😅. Let me test that out. I honestly don't think it is a factor. Uniqueness comes into play when you are setting properties on the table and when creating relationships. Constraints outside of Foreign keys don't play a role in the model.

10:05:37 PST
Question: So if insert a workbook with 4 worksheets i must connect to other tables of sql server with the same way ???
Answer: Not really. All the data can reside in Excel.

10:06:33 PST
Question: Besides developing with a smaller dataset, is there any benefit or difference between using a view with all the needed columns and selecting Top 1000, or selecting multiple tables (facts and dims).
Answer: Not really. I actually use this method because once deploy I can modify the view to accommodate all data. Then process the cube and its ready to go.

10:07:08 PST
Question: You can’t connect sql tables and excel worksheets in same model ?
Answer: you can but it is not required. As long as there are key columns between the two sets.
Implementing Tabular Data Models Jump Start

Q&A Log

10:07:22 PST
Question: The Tab was renamed to "Date" but its only one of the dates in the fact table. The "active" one. should we rename it the date that is active? Like "Sale Date" or the like? I assume you will get into that
Answer: We will talk about that later this afternoon.

10:07:57 PST
Question: It's look like power query !!!!
Answer: Yeah, similar. I like to use Power Query before Power Pivot. Power Query is like a self-service ETL tool.

10:08:35 PST
Question: Every single time you select the source tables and import them in the model, is the data immediately pushed in the memory?
Answer: That is actually configurable, but by default yes. It uses the resources of the workspace server.

10:09:27 PST
Question: So even though Tabular is referred to as a 'cube', it does not need to be architected the same way as a OLAP cube. All dims/facts can be combined into a single view and that would be saved as a tabular 'cube'?
Answer: You are correct. A single flat table can be used.

10:09:46 PST
Question: So if I configure the DirectQuery mode it will not go to the memory? Otherwise the data stays in memory?
Answer: Correct. We will show demonstrations of this in the later sessions.

10:12:16 PST
Question: What is best way to import the data from the .txt file which has schema file to arrange the .txt file?
Answer: Zubair that is a good question and I don't have an answer 😞. I will flag the question for follow up.

10:12:40 PST
Question: So, would you develop a tab model for every "report" or analysis the users need? Or develop a larger model that can service multiple reports?
Answer: A large model to accommodate your organization.

10:14:59 PST
Question: One interesting - if tabular for some reason gets all the features of the multidimensional will there be a reason for one to go with it instead of going with tabular
Answer: I like this question the most so far today. If that happens the main challenge would be memory. Multidimensional while heavily dependent on memory does not solely rely on memory. If a tabular model is larger than the amount of memory that a server can hold then there may be performance problems. Besides that, if features are equal Tabular all day everyday. 😊

10:15:22 PST
Question: Ah, okay so if the memory is the problem then you should go with multidimensional
Answer: for the most part.

10:17:29 PST
Question: I have a very basic question, we have invested a lot in multidimensional SSAS since SQL 2K8 R2, what or why and what value this Tabular SSAS module will bring knowing that we can do similar stuff in powerpivot or excel simply
Answer: At this current time my recommendation is to stay with Multidimensional. You can actually using Power View in Excel with tabular but not multidimensional. That is key for some.
10:17:59 PST  
**Question:** So, every time I need to use information in Tabular model, I need to Import my data? Is there any way to schedule a kind of job to read the information?  
**Answer:** You can process the cube to bring it into the model. Or you can use DirectQuery. This will be discussed later.

10:18:08 PST  
**Question:** Can we convert a tabular model to a multidimensional?  
**Answer:** Sorry you cannot.

10:18:50 PST  
**Question:** When connecting to a SQL database is it recommended to connect to views or tables?  
**Answer:** Either. If you use tables with foreign keys they are imported. If you use views then you will to create the relationships in the model.

10:20:05 PST  
**Question:** Is it possible to import from an Essbase cube?  
**Answer:** I don't think so, but you can try if you have an OLE DB or ODBC driver. I haven't tried to do that.

10:21:49 PST  
**Question:** Thanks Patrick. For security should we be connecting directly to tables. Is there a preferred option?  
**Answer:** There isn't really. It is up to the developer.

10:26:20 PST  
**Question:** why it is one way import only from pivot to tabular, and not vise-versa  
**Answer:** Not sure.

10:27:21 PST  
**Question:** ok thats better to deploy from SSDT  
**Answer:** Just a few things to consider or overwriting users that have been added to roles and overwriting partitions. SSDT does not accommodate those types of things.

10:29:29 PST  
**Question:** holdon..........where was the deployment wizard?  
**Answer:** Here is goes😊

10:30:02 PST  
**Question:** Why are there columns grayed out in that Employee tab?  
**Answer:** they are hidden

11:43:09 PST  
**Question:** Did i miss how Excel was connected to the tabular model?  
**Answer:** That's coming up

13:02:16 PST  
**Question:** have you a link for more info on downloading DAX studio for excel 2013  
**Answer:** Here's the link to DAX Studio: [http://daxstudio.codeplex.com/](http://daxstudio.codeplex.com/)
13:21:45 PST  
**Question:** ProdKey= Earlier?????  

13:23:33 PST  
**Question:** does any of those options in formulas have impact on performance of the tabular model?  

13:26:51 PST  
**Question:** Is there some strange reason why DMX is the option to choose to use DAX?  
**Answer:** DMX is the command type to use in SSRS for DAX because there is no DAX option within SSRS at the moment. For more information, please visit: [http://cathydumas.com/2012/03/20/using-reporting-services-with-directquery-models/](http://cathydumas.com/2012/03/20/using-reporting-services-with-directquery-models/)

13:55:25 PST  
**Question:** Please post the book for tabular model . That was too fast.  

14:29:19 PST  
**Question:** How does the impersonation works for connections to Oracle? in my environemnt oracle DBs doesnot use AD auth.  
**Answer:** So then it would be based on how you connect to Oracle.

14:30:50 PST  
**Question:** So when starting a green field project generally speaking what should we go with Multi-Dimensional or Tabular and why?  
**Answer:** Choosing between Multidimensional and Tabular really depends on the size, the and the type of analytical calculations to be offered. We touch this on Module One - Introduction to Tabular Modeling.

14:36:43 PST  
**Question:** Patrick, Can we have your PowerPoint slide show file (after the webinar)?  
**Answer:** Yes. We will make it available via the MVA site.

15:24:15 PST  
**Question:** If the data needs required us to have a partition for each hour, direct query for near real time data from the current hour and in memory for each previous hour, would a developer need to manually create those partitions each hour? Or can that be automated?  
**Answer:** [REPLY] The slide decks will include links to assist in setting up dynamic partitions.

16:23:44 PST  
**Question:** Could you check Patrick's blog url?  
**Answer:** I am working on getting it back online. Problem with WordPress
16:24:20 PST

Question: Hi from alpharetta
Answer: Hello DV from alpharetta