Installing SQL server and SSAS

- After you have downloaded the SQL server from the given link, you will open the folder and find a setup file * .Click on that and you will find yourself browsing on the SQL Server Installation Center.
- Click on the **" New SQL Server stand-alone installation or add features to an existing installation " .**
- On the "Feature selection" of the of the setup wizard click on Database Engine Services , Analysis Services ,Client tools connectivity , Client tools Backwards Compatibility and Client Tools SDK .Then click Next .
- Keep on clicking next till you reach the Database Engine Configuration. There you will have to choose the authentication mode you prefer and enter the passwords. On the SQL Server administrators click add and then according to your choice click add current user.
- Next on the server mode choose the "Multidimensional and Data Mining Mode". Again on the specify user part click add current user as the option of the user is specified from the previous step. Finally click install.
- Go back to the SQL Server Installation Center and now click on the " Install SQL Server Management Tools " which will open a webpage on your browser, where you will be able to download the tools and features for the server manager.

Configuring SSAS

- Open SQL Server Management Studio and click on connect. Enter your credentials .**On the username field type localhost (or sa)** and   then enter the rest of the credentials.
- NOTE: The query language for SSAS (SQL Server Analysis Statistics) is either MDX or DAX depending on the server mode.

Attaching Data Warehouse

- After you download the AdventureWorksDW…bak , you will open

the SQL Server Management Studio ,right click on the Databases field and then choose **restore database**. On the source part click on "Device" . Then browse into your folders and find where you have saved the file **AdventureWorksDW20XXCTP3.bak** and select it**. Click on the Script button** and then minimize the window.

- On your screen there will be a new query. Click on the Execute command. When you notice that the query has ended successfully , click on the Databases on the left part of your screen and there will be a new one called AdventureWorksDW20xxCTP3.

Visual Studio

- Click on file at the top left corner of your screen and then select New->Project.
- In case you haven't downloaded the needed template ,search for Analysis Services Multidimensional and Data Mining …Business Intelligence and downloaded.
- Then create a new project by choosing the above template and click ok.

Now that the setup is complete you can move on to the creation of the cube!