

Sri Lanka Institute of Information Technology



Data Warehouse and Business Intelligence – Assignment 2 **Submission**

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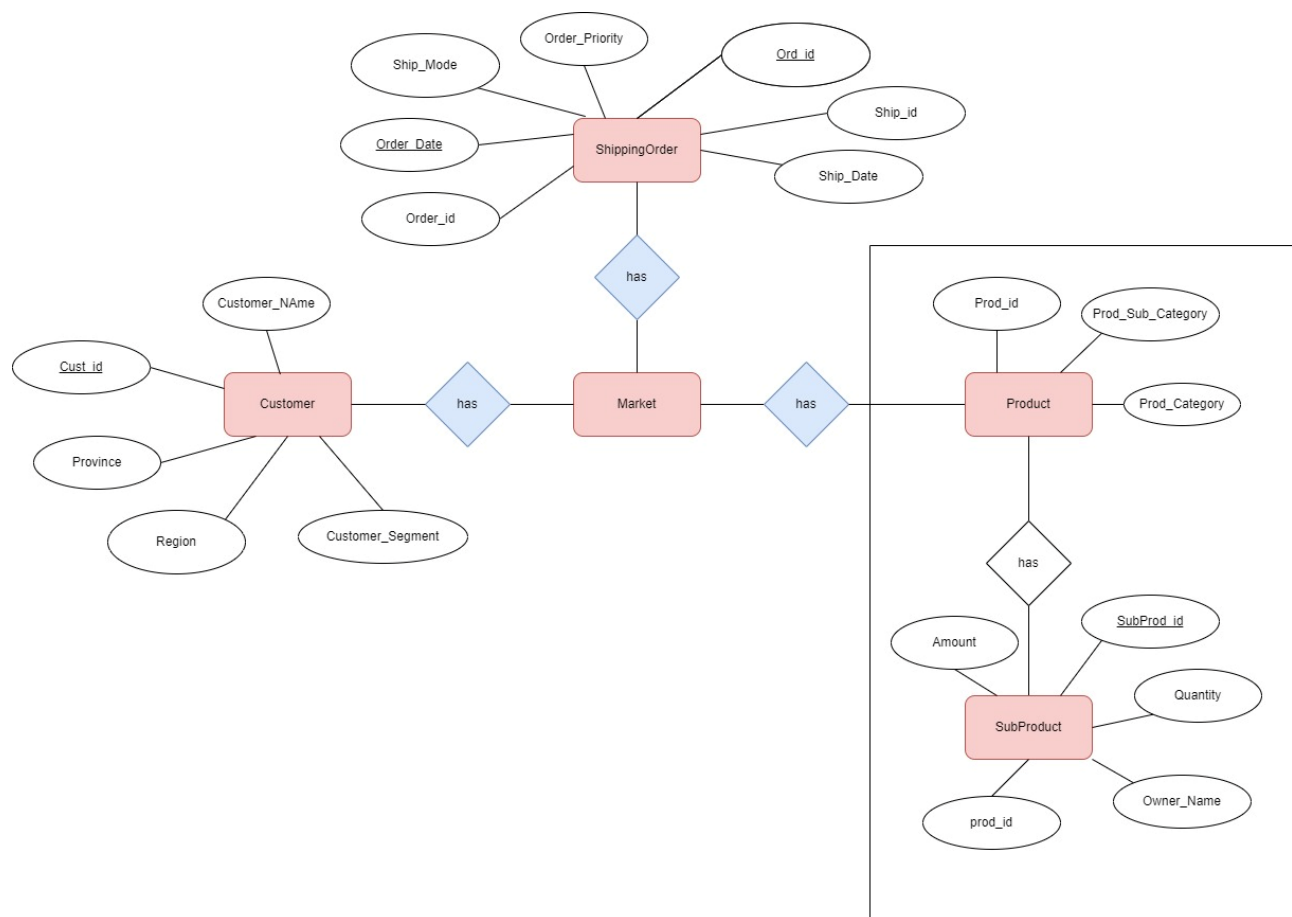
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DATA SOURCE

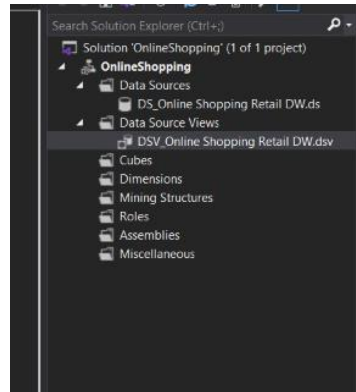
Data Warehouse implemented in the previous assignment was used as the source to complete Assignment 1. As described in the Assignment I, the selected data set consisted of transactional data. Market specific details involved in products, order, customer, shipping are hint to understand the transaction of online shopping.

ER DIAGRAM

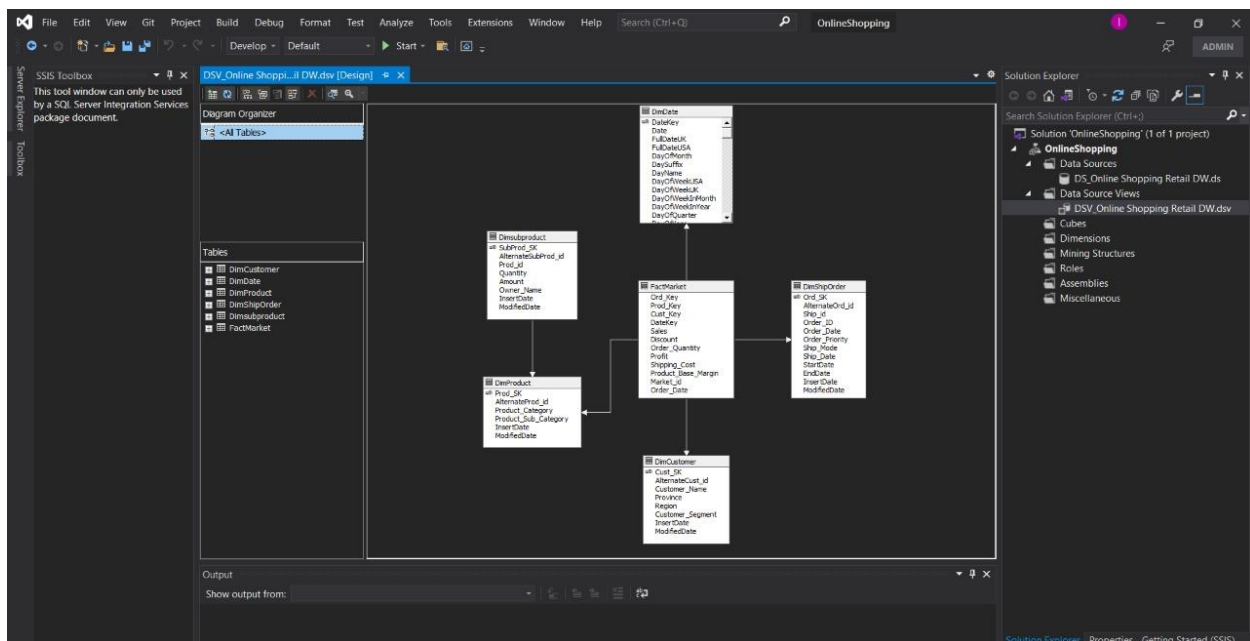


SSAS CUBE IMPLEMENTATION

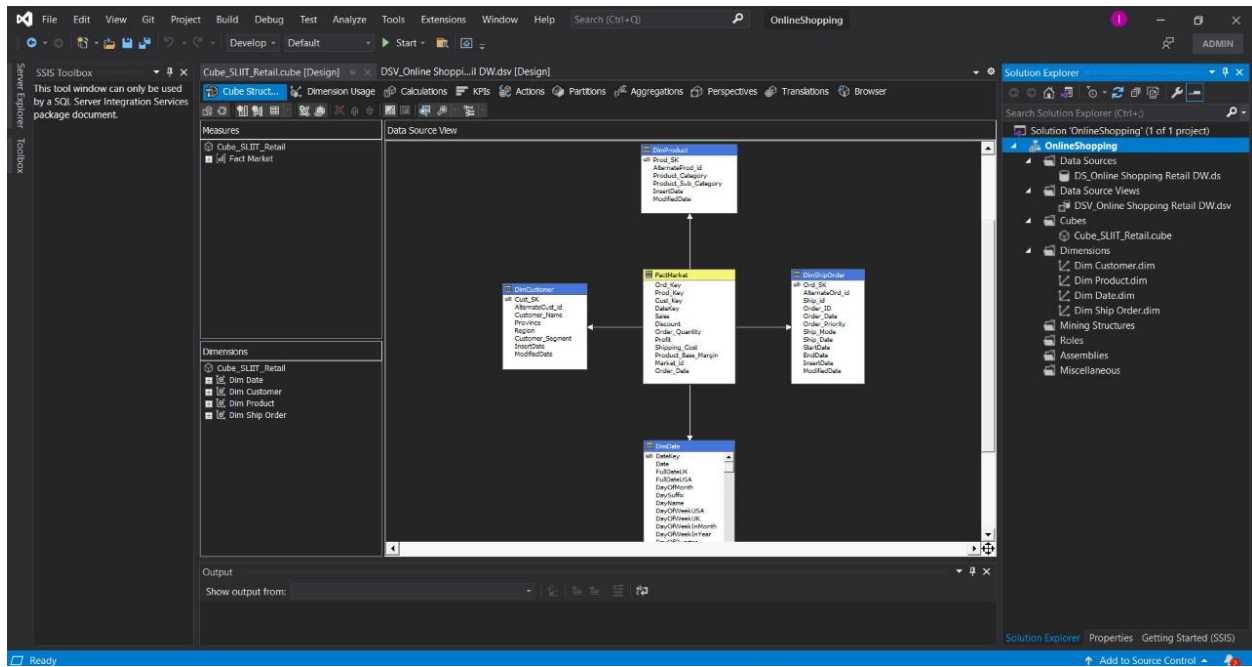
A new SSAS project was created and named as 'OnlineShopping_SSAS', to begin the SSAS cube implementation. First the created Data warehouse was added as a new Data source and configured



Next a new Data Source view was added after adding the same warehouse. In adding the Data source view, first the Fact table was selected and the other tables connected to the fact table was added by clicking on Add Related Tables. The created data source view is attached below.

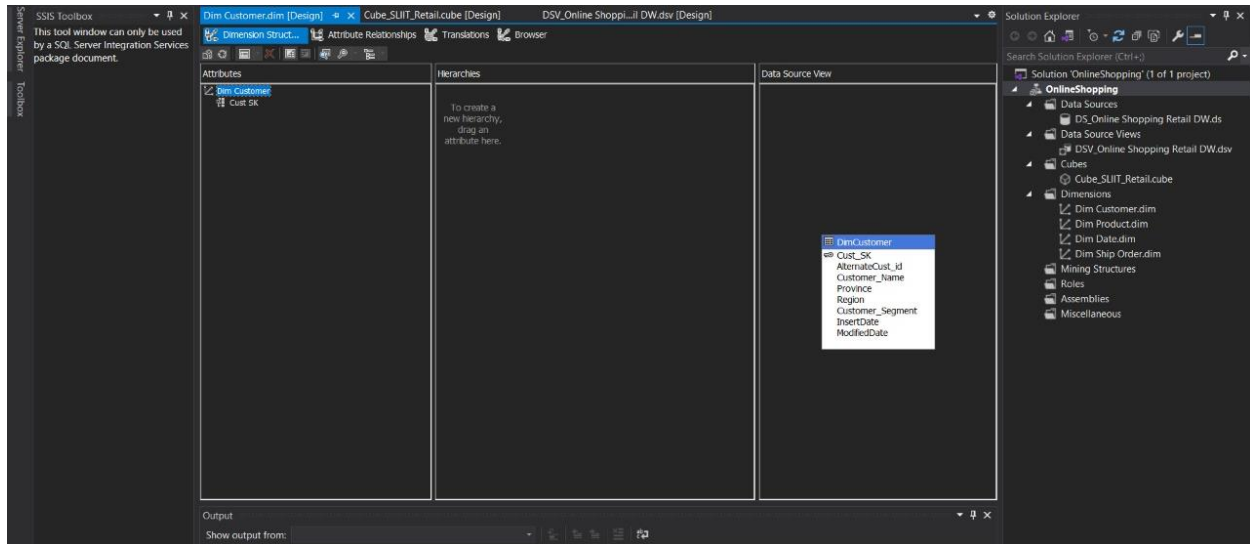


Next a cube was created by adding a new cube and selecting the fact table, measures, dimensions appropriately. The created cube is demonstrated below:

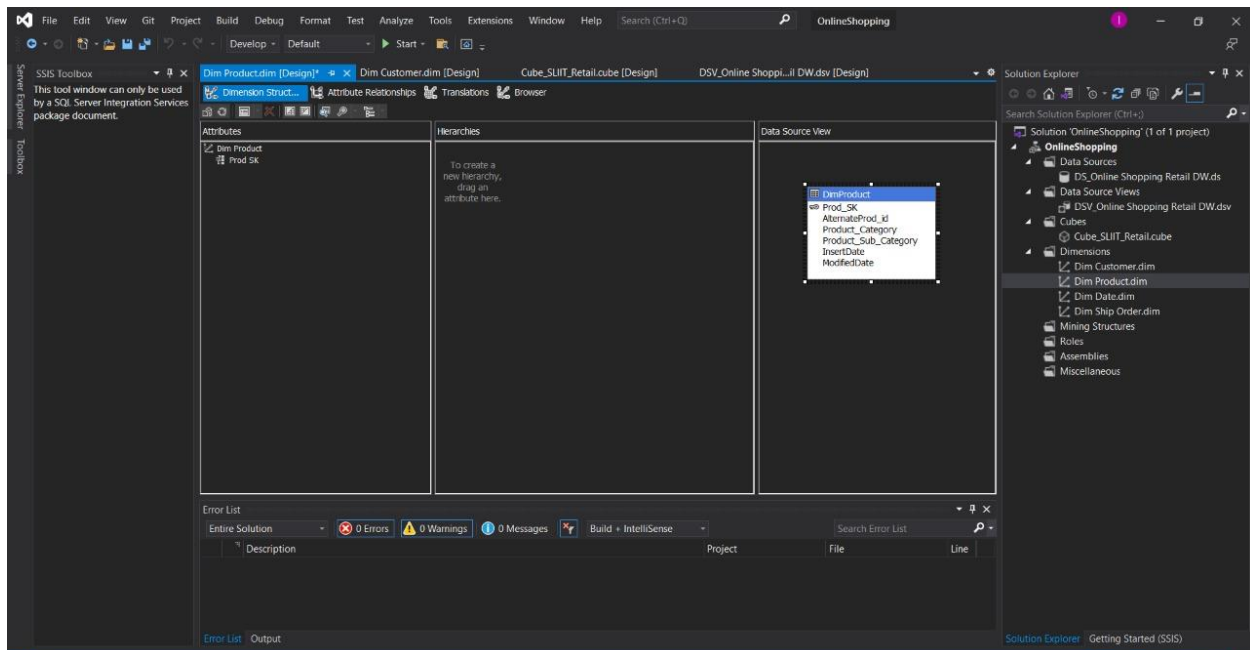


Next attributes were added to the relevant dimensions.

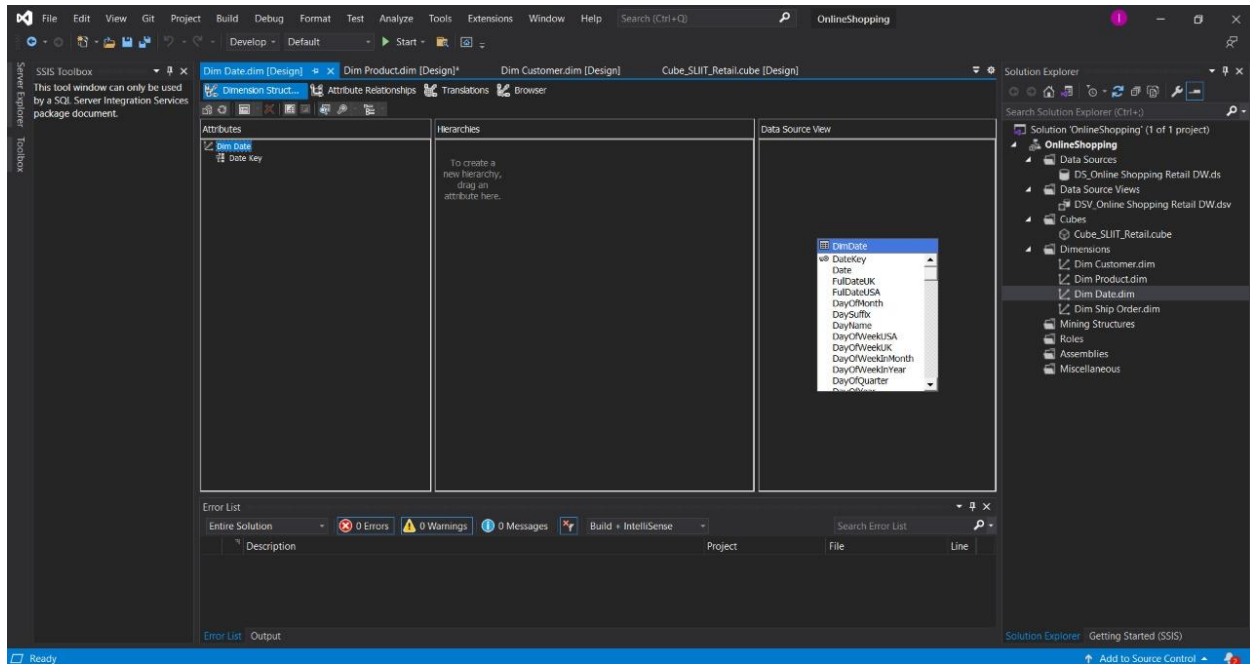
Customer dimension



Product dimension



Date Dimension



Ship Order Dimension

