**ColumnStore Index Assignment**

Database: ContosoRetailDW

Queries:

* Sales & Profit
  + Sales amount, profit & profit margin by Category/SubCategory and Time (Year/Qtr/Month)
  + Sales & profit with Period over Period analysis
  + Sales & profit by customer demographics such as education, income, etc.
  + Sales & profit by channel and Time (Year/Qtr/Month)
* Store Sales Analysis
  + Rank sales
    - By Year
    - Product Category
    - Country & State

Task:

1. Write the above SQL queries and determine the execution time with the database as is.
2. After writing these queries, perform Columnstore Index on the suitable tables
3. Query again to check if there was a difference in the execution time.