Assessment Overview

- Kindly find **Sales Analysis.pbix** file as an assessment for your application.
- The Deadline for your submission is **Monday 25th of March 12:00 pm Dubai Time.**
- The data provided is a dummy data representing sales dataset.
- The requirement is to build a dashboard page for reporting to the <u>C- level</u>, and another dashboard page for the sales team <u>(Operational)</u>. Please use whatever visuals you see suitable as well as DAX functions of your creation.
- It is beneficial to show good insights. The count of the visuals is not important as the meaning out of it, feel free to increase the page height if needed.
- **PLEASE SHOW THE MOST OF YOUR ANALYTICAL AND TECHNICAL SKILLS**
- **Formatting** the dashboard is very important (Shapes, Color Coding, Icons, Alignments, … etc) it should have an appealing look and feel, Readability of the DAX measures will be remarked.
- You might find some relationships that are incorrect / incomplete, feel free to do the needful as per your analysis.
- The dashboard **must have** a yearly single selection slicer and monthly multiple selection slicer, as well as other important attributes in your analysis.
- Adding more insightful **Power BI features** (tooltips, drill-through, … etc.) is a huge plus.

Your dashboard Should have:

1. A Line chart that has the Monthly trend of Ordered Amount Vs. Delivered Amount
2. A line chart that highlights the monthly trend of sales amount for selected year vs. previous year vs. 2 years ago from the selected year, the chart shouldn't be affected by month slicer selection.
3. Row level security, create 2 roles:
   a. Role1: should view all stores data of the year 2012, , filter by the column (Stores.storeName=Store)
   b. Role2: each user in this role should view the data according to his region, filter by the column (Geography.RegionCountryName) … here you have only 3 users for reference, but imagine building an enterprise role.

User_ID	Country to be seen only
india@domain.com	India
uk@domain.com	United Kingdom
britain@domain.com	United Kingdom
britain@domain.com	Ireland

4. Create bookmarks (for example convert pie chart to horizontal bar chart or more insightful usage will be better), with keeping the slicers in sync (e.g., if you select 2012 year in a slicer, it should be still selected after clicking the bookmark button).
5. Make a chart showing the top 5 Subcategories for the category that has the most sales amount, it should be dynamically changing by the slicers.
6. Make a table visual showing each country's Sales amount % of the total sales amount of the continent, the value shouldn't be changed by the country slicer.
7. Create a slicer that has the selections values (Total Cost, Sales Amount, Sales Quantity), and create a chart that should be rendered based on the slicer selection.
   a. Don't use a bookmark or multiple charts, it should be one chart.
   b. For example if selection =total cost . the chart should show sum(totalcost) .. etc.
8. Create a chart that will show the number of orders that will be delivered in the next 1 week, 15 days, 1 Month, 6 Months. This is based on the date slicer selection.