

**Dataset: Company Dataset**

1. Load data in Power BI desktop and check all datatypes in Power Query.
2. Check the data model weather it is in Star Schema, if not create star schema.
3. Create a report of (min 5 pages). Page 1 (overview page) Take appropriate visuals. And find key insights.
4. Add slicer in page 1, Sync slicer with page 2
5. Create hierarchy in fields. And show that in visual
6. In Page 1 update the interaction such that when you click on any part your pie chart should not change.
7. Take KPI Gauge chart in page 2(set sales target )
8. Create a matrix table on page 3. Add country and sale amount. Add category and subcategory in Rows. When you click on + Sign you should get details on category and subcategory
9. Save your report. Rename all page names with Standard names (overview, Sales, Product)
10. Add Tooltip page
11. DAX: Calculate total Sales Amount
12. DAX: Calculate Profit for each order (Hint: New column)
13. DAX: Calculate Total profit
14. DAX: Calculate Total YTD, MTD and QTD
15. On page 4 create visuals related to YTD, MTD and QTD
16. Create button and bookmark for representing YTD, MTD and QTD
17. Calculate Top 10 Product based on sale amount (Hint: Use Top N filter)
18. DAX: Quantity sold last month
19. DAX: Profit made in last 6 months
20. Add visuals in Page 1
21. Add AI visuals (decomposition)
22. Add Q& A in Page 1
23. Apply Filter only Page 2. It should show details only for year 2019. (Hint filter year 2019)
24. Do good formatting for all pages and all visuals.
25. Add logo in page 1.
26. Add Page Navigation
27. Give title for all visuals and do formatting for the visuals headers.
28. Put data labels ON wherever necessary.
29. Create a new workspace and publish the report