WORKSHOP 038

[Tableau]

Sales orders and case analysis

Difficulty Level: 3 of 3

Disclaimer: Dataset was designed for educational purposes. Any reference to real facts or real events is purely coincidental.

You really impressed the management of AmazingMart EU with the last deliverable, and they have now requested you to assist further with analyzing their Sales data. We have dealt with AmazingMart EU before, but as a recap, they supply Furniture, Office Supplies and Technology products to customers across Western Europe and have provided us with historic sales order data for the period 2013 to 2016.

They have listed the following specific requirements:

1. Create a graph to depict the contribution of sales to the overall sales for each individual sub-category of products. The result to be shown per country and the user should be able to select the country to be supplied.

   In addition, also add the percentage contribution by the specific country to the overall sales in the specific sub-category.

   Use a bar chart graph for this visualization.

2. In order to make the visualization more user-friendly, include it into a dashboard with a map showing the overall sales per country. The map should be interactive allowing the user to select the country to be displayed. Ensure appropriate use of tooltips!

3. The project manager has heard that it is possible to use animations in Tableau, and has asked you to prepare animations of Sales vs Profit by year. First by category and then Sub-category level. Ensure that the user will be able to generate insights from theses animations and be able to comment on movement year by year.

They also require your expertise on a legacy case management system which they use to record and track interaction with their clients. As the software developer does not support the software anymore, they are unable to have custom reports created and have provided you with the only file they are able to extract. This file contains the number of new cases, closed cases and re-opened cases. They have requested you to assist with:

4. Creating a trend analysis that can track the number of open cases as a running total, taking into account the movement of cases (closed, new and re-opened). Present this in the form of a line chart.

5. Using the above chart, add functionality that allows the user to dynamically set a target. The target is the maximum number of open calls at any given point during the year. Use appropriate colors to highlight where the target is being exceeded.

Best of luck!