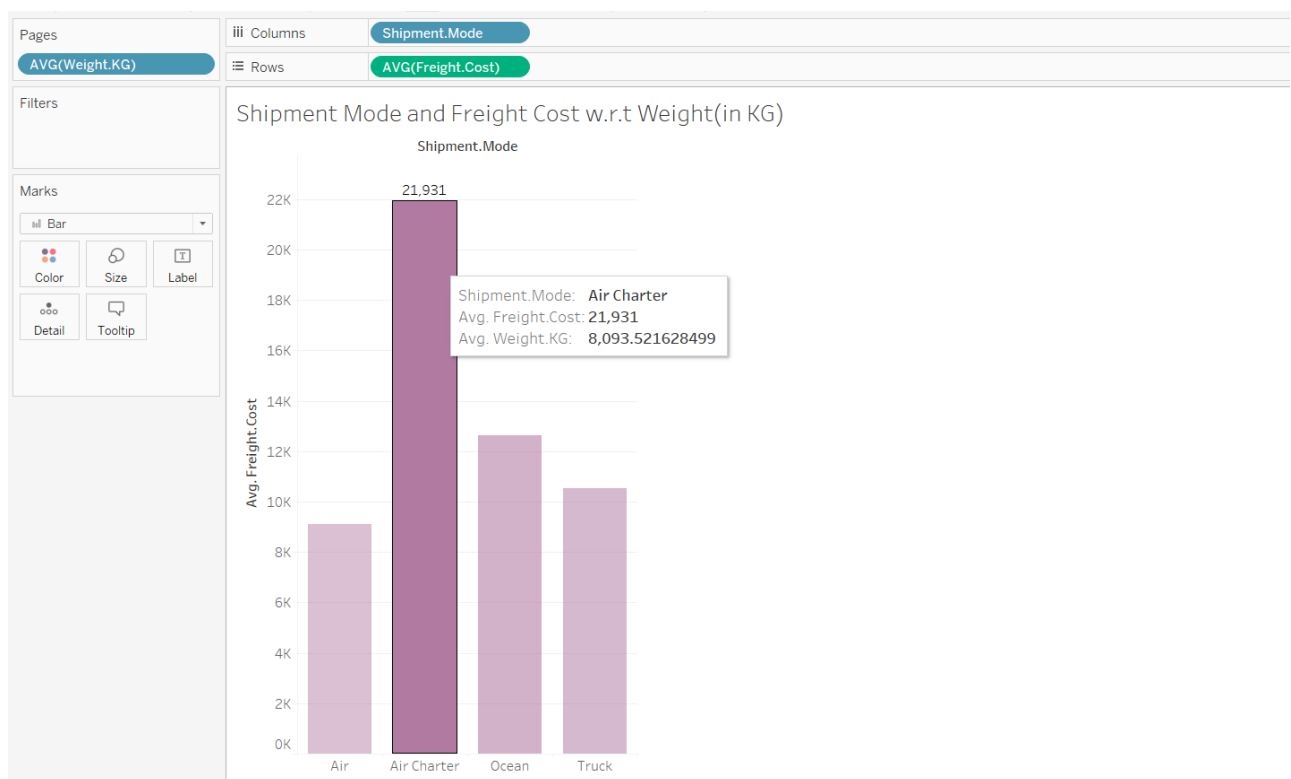


Pages, Filters and Marks Shelf Assignment

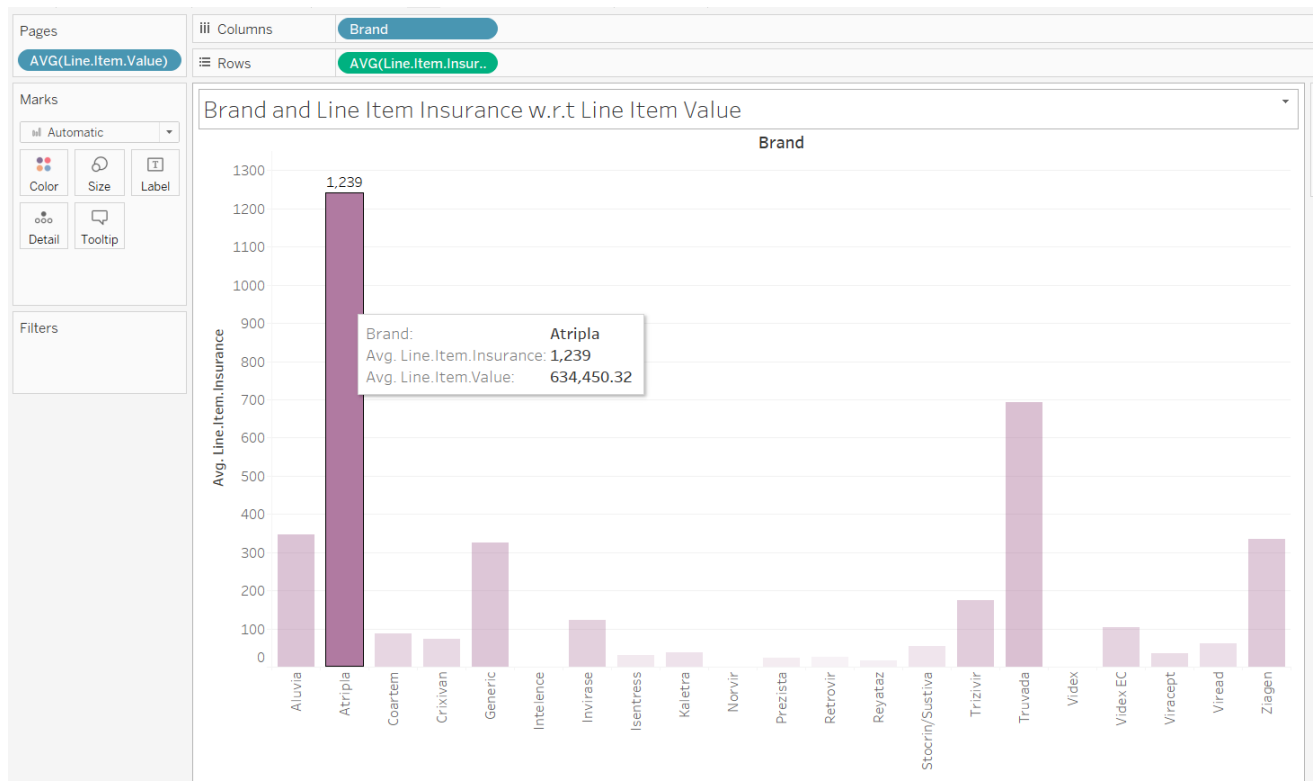
1) Create 2 problems from your knowledge of the dataset that will drill down into the pages functionality. Use pages to solve these problems with interpretation. Submit snapshots with interpretation on PDF.

Problem 1 – Why shipment mode 'air charter' has the highest Freight Weight cost?



Interpretation: As the above bar chart displays, Shipment Mode 'Air Charter' has the highest Freight Cost. This problem can be explained by adding another dimension 'Weight.KG' that represents weight in kilograms. By adding this dimension, it can be seen that Air charter has the highest avg. weight as well. Therefore, it can be said that Air charter has a high Freight cost because the more weight there is of the product, the higher is the shipment cost charged by the shipping companies.

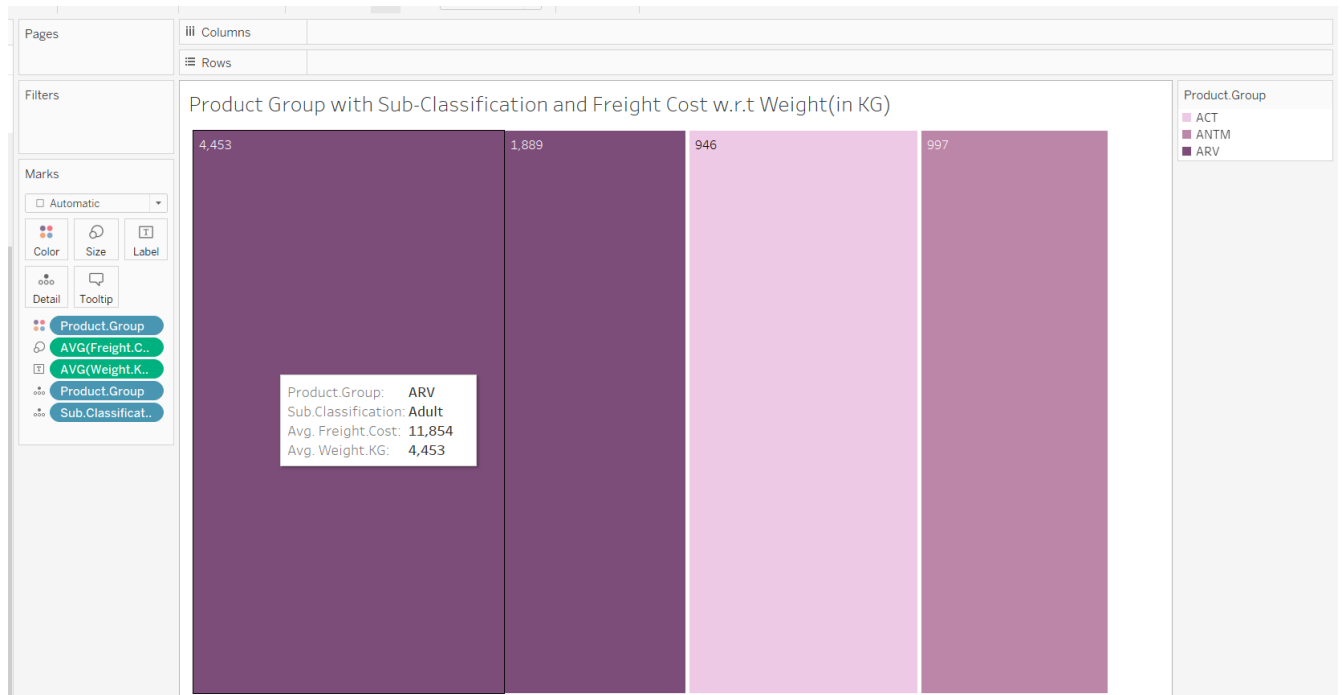
Problem 2 – Why does the brand ‘Atripla’ has the highest item insurance as compared to other brands?



Interpretation: As the above bar chart displays, Brand ‘Atripla’ has the highest Item insurance. This problem can be explained by adding another dimension ‘Line.Item.Value’ that represents the value of an item. By adding this dimension, it can be seen that Atripla has the highest line item value as well. Therefore, it can be said that Atripla has a high line item insurance because the greater the value of the line item, the higher is the insurance of that item.

2) Create 2 problems which require you to use the Marks shelf (you can choose to work with charts other than maps - remember that one chart is shown on one worksheet typically). Use marks to solve these problems. Submit snapshots with interpretation on PDF.

Problem 1 – Why ‘Adult’ sub-classification of product group ‘ARV’ has the highest Freight Weight cost?



Interpretation: As the above bar chart displays, ‘Adult’ sub-classification of product group ‘ARV’ has the highest Freight Cost. This problem can be explained by adding another dimension ‘Weight.KG’ that represents weight in kilograms. By adding this dimension, it can be seen that ‘Adult’ has the highest weight average as well. Therefore, it can be said that Adult product group has a high Freight cost because the more weight there is of the product, the higher will be the shipment cost that will be charged for these products hence high freight cost is directly proportional to high weight.

Problem 2 - Why 'Adult' sub-classification of product group 'ARV' has the highest Item Insurance?



Interpretation: As the above bar chart displays, 'Adult' sub-classification of product group 'ARV' has the highest Line Item Insurance. This problem can be explained by adding another dimension 'Line Item Value'. By adding this dimension, it can be seen that 'Adult' has the highest item value average as well. Therefore, it can be said that Adult product group has a high item insurance because the greater the value of an product item, the higher will be the insurance cost of that item hence high insurance item cost is directly proportional to high item value.