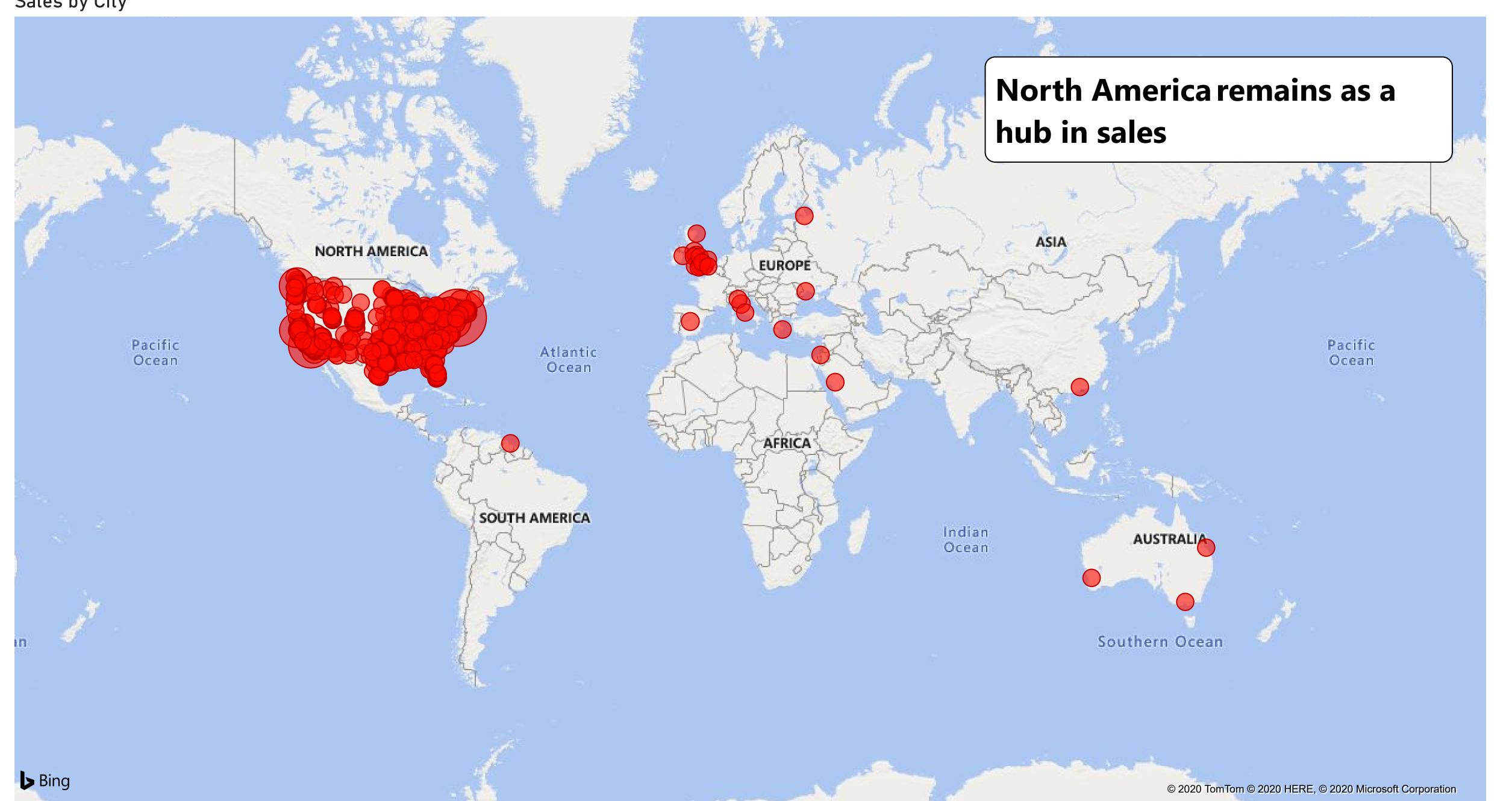
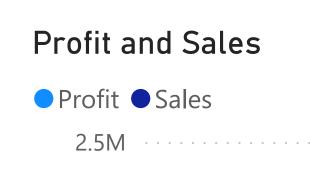
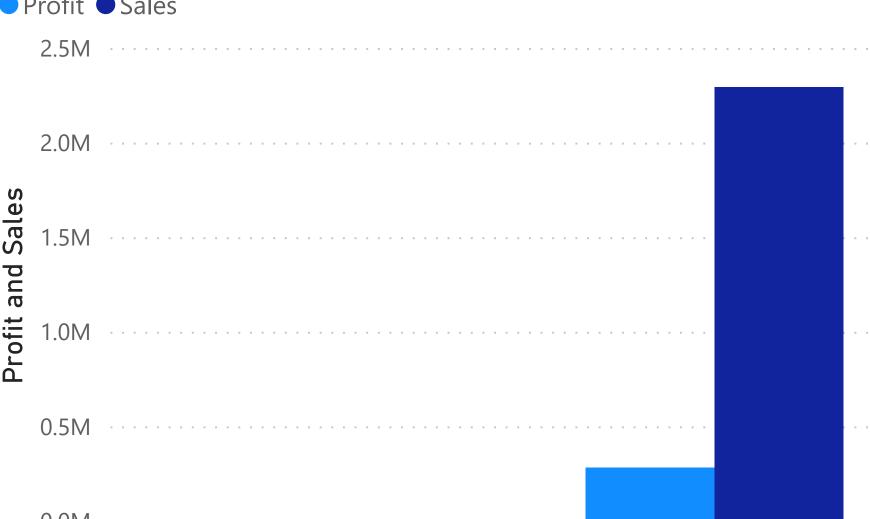
Task 5- To explore Business Analytics

Tool used is Power BI

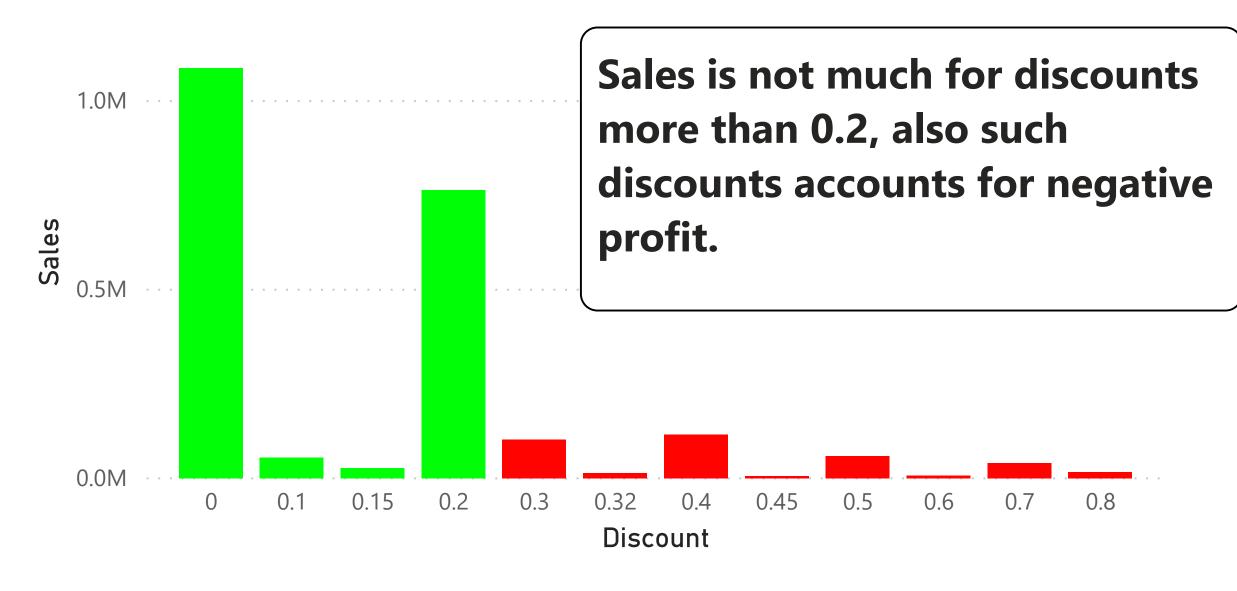




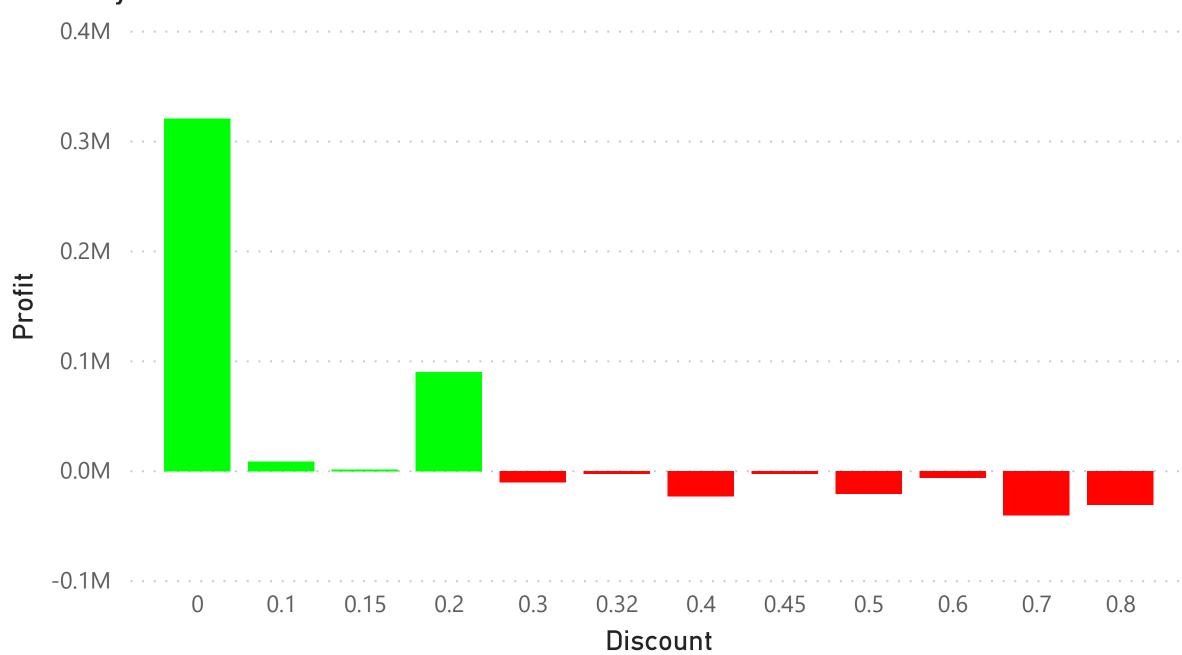


Profit is far less than the sales. Main reason is due to the discount offered. Also we cannot totally cut off discount as it boosts sales.

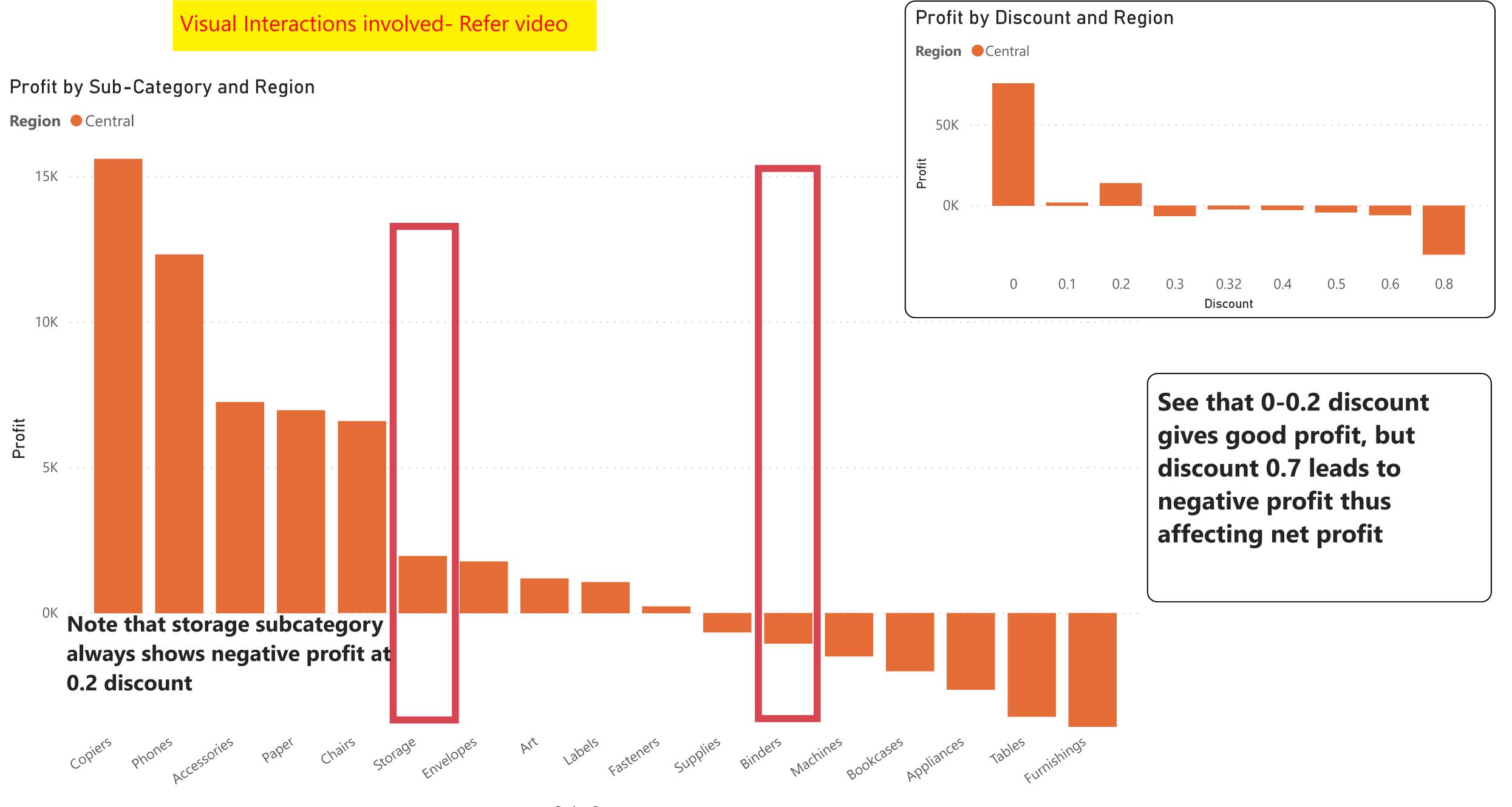
Sales by Discount



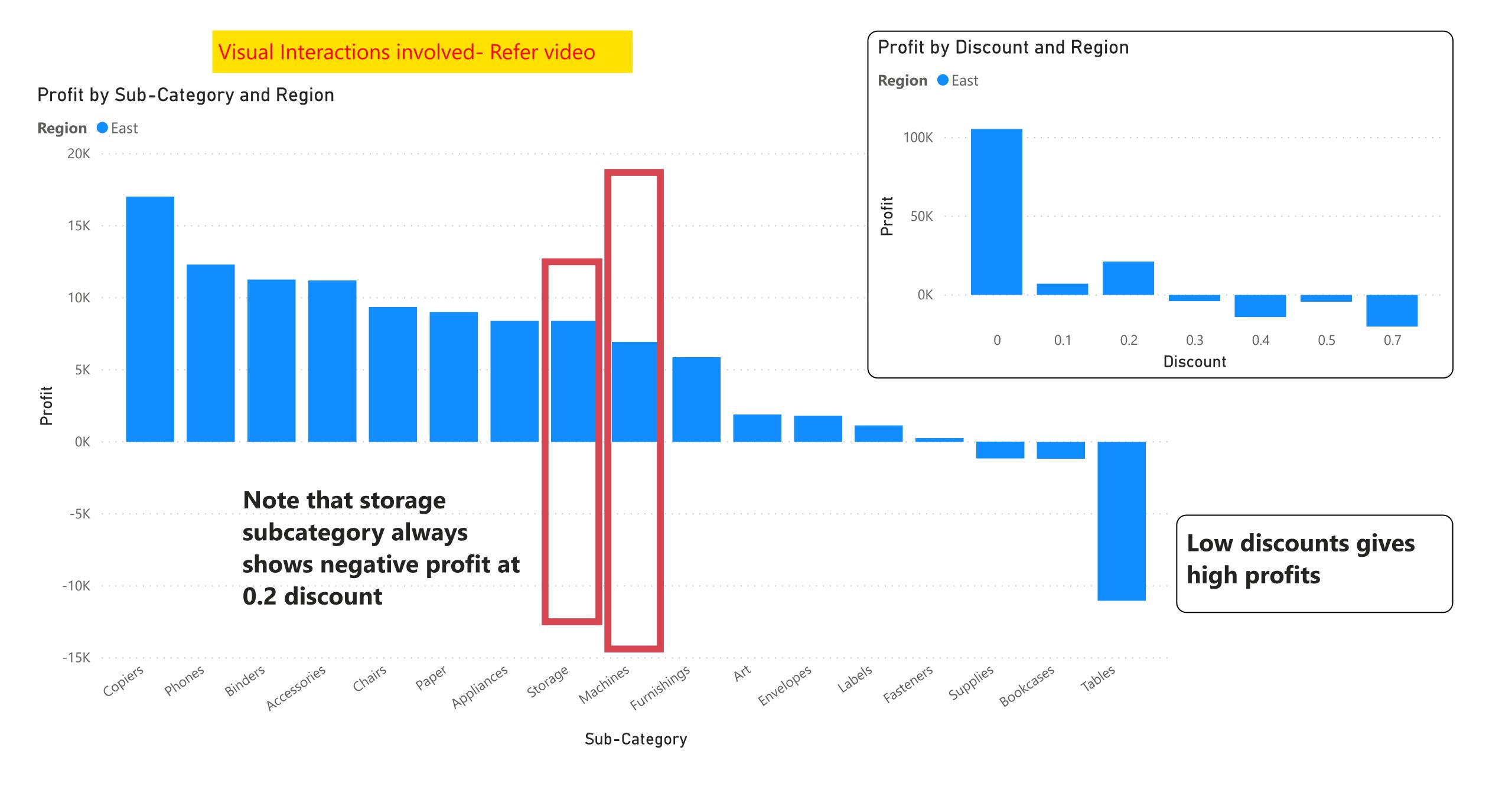
Profit by Discount

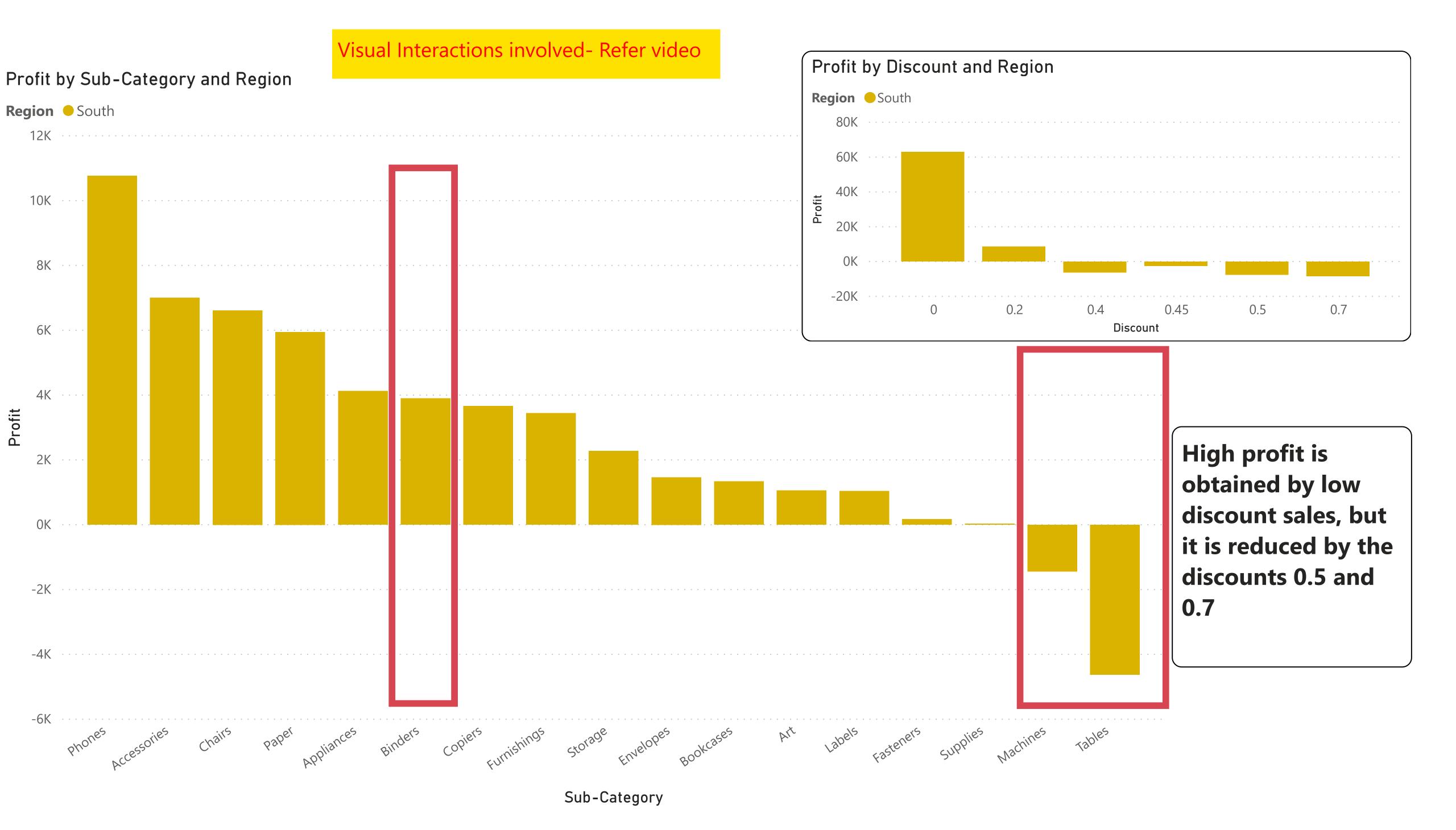


Profit can be increased by cutting high discounts (i.e.) higher than 0.3. The following shows region wise proof that high discounts leads to loss



Sub-Category

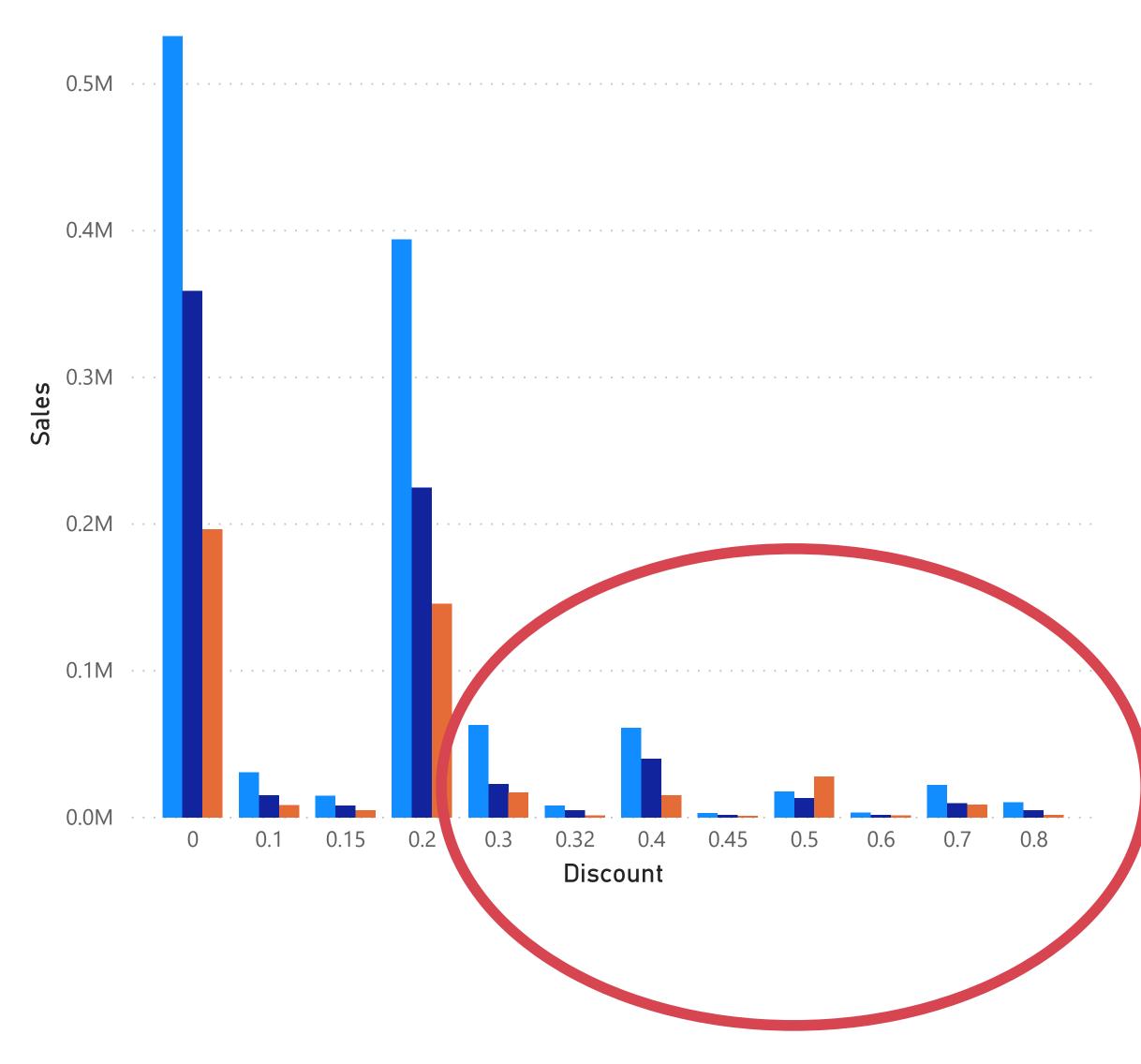






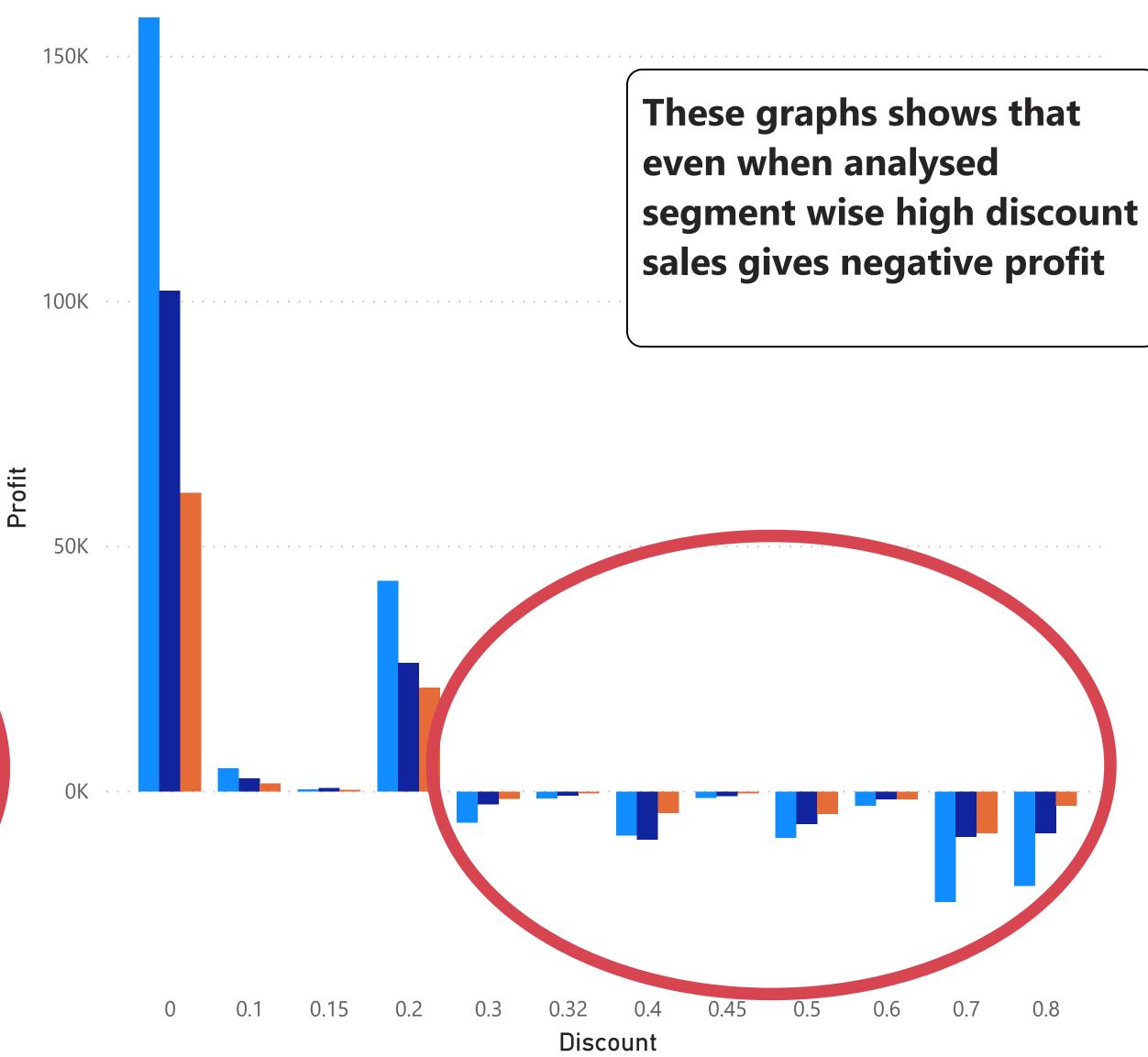
Sales by Discount and Segment

Segment ● Consumer ● Corporate ● Home Office

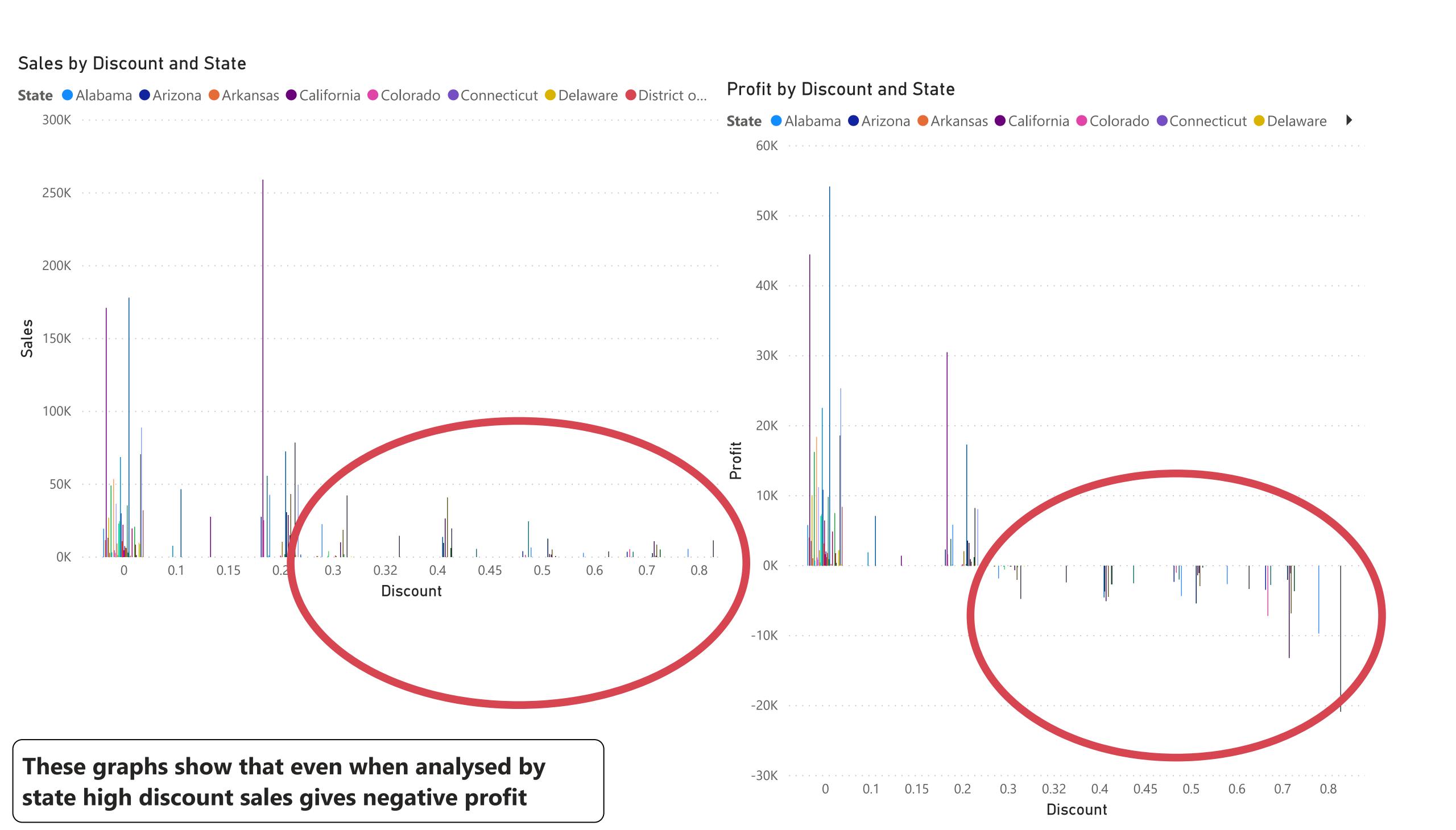


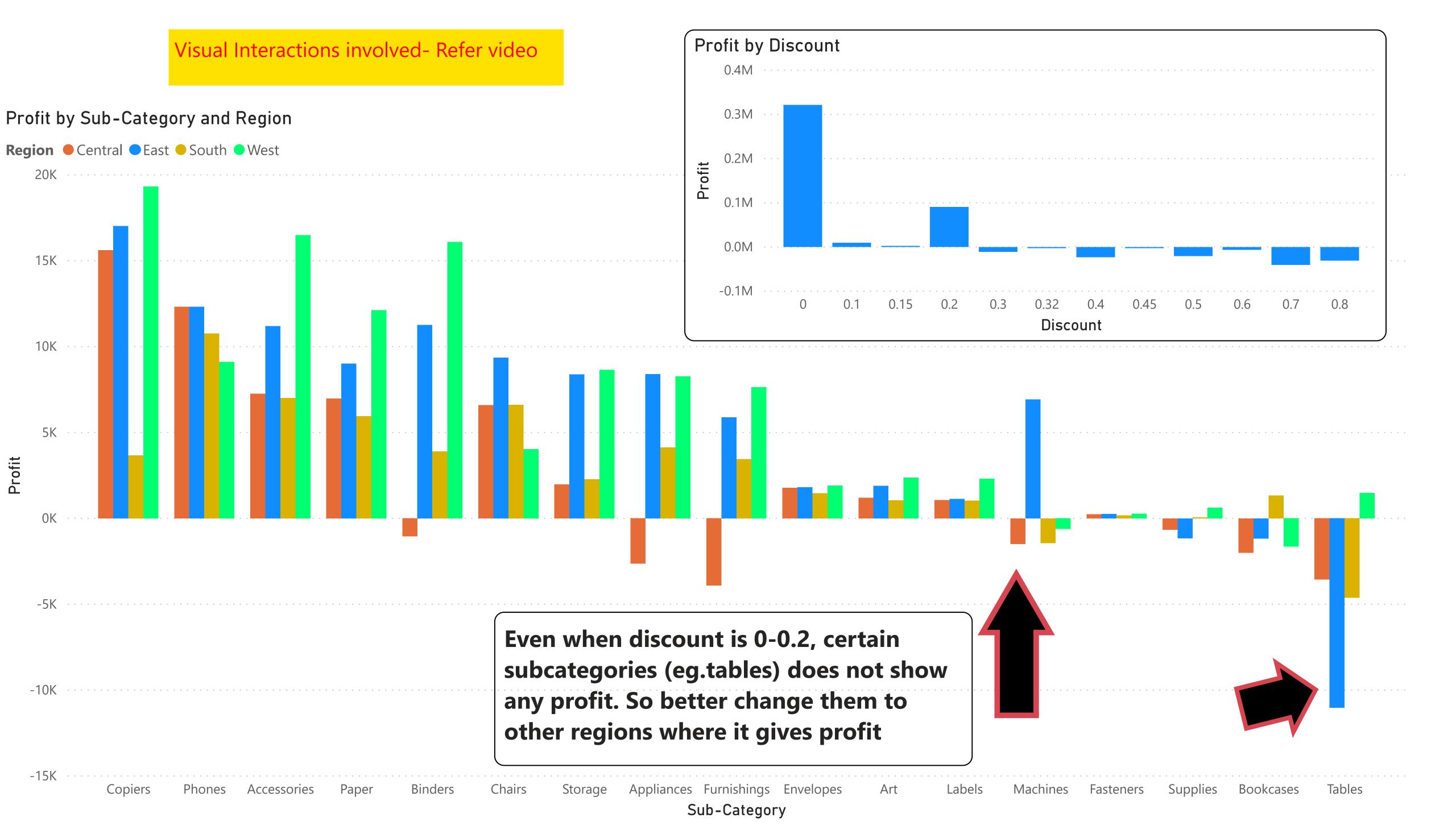
Profit by Discount and Segment

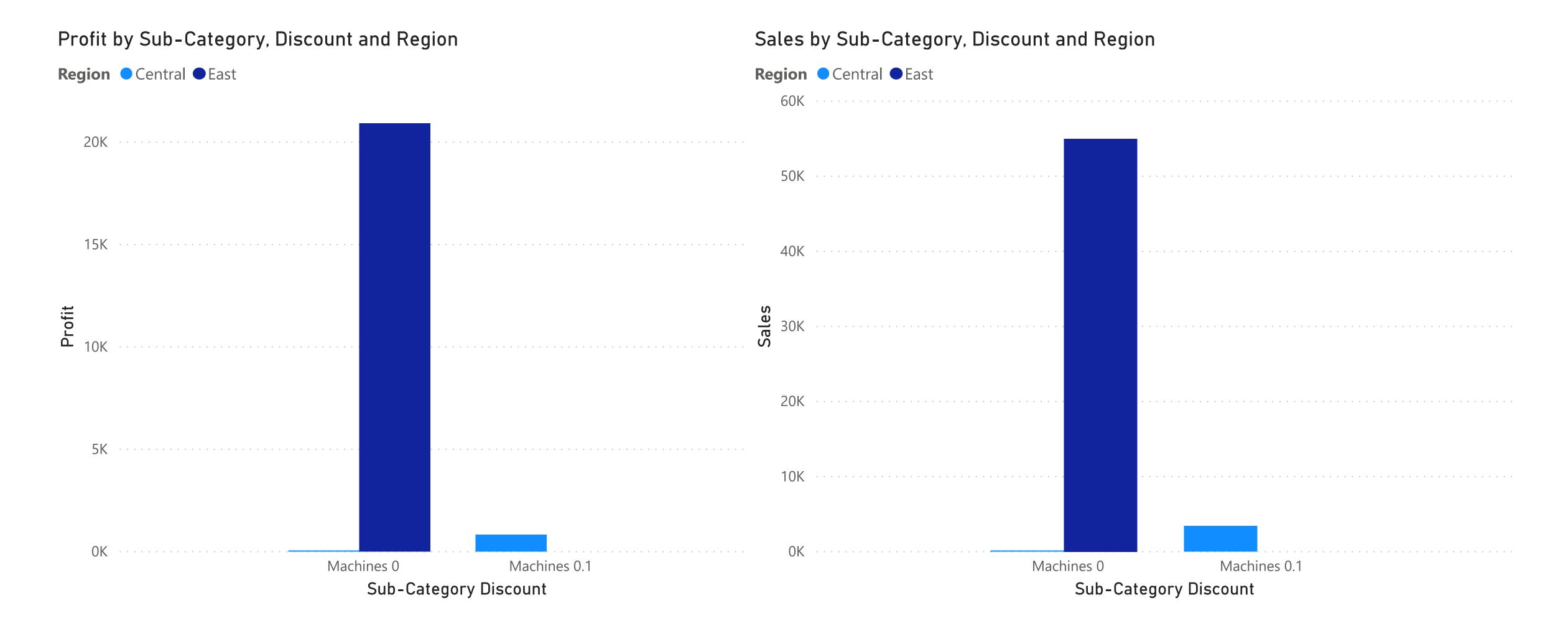




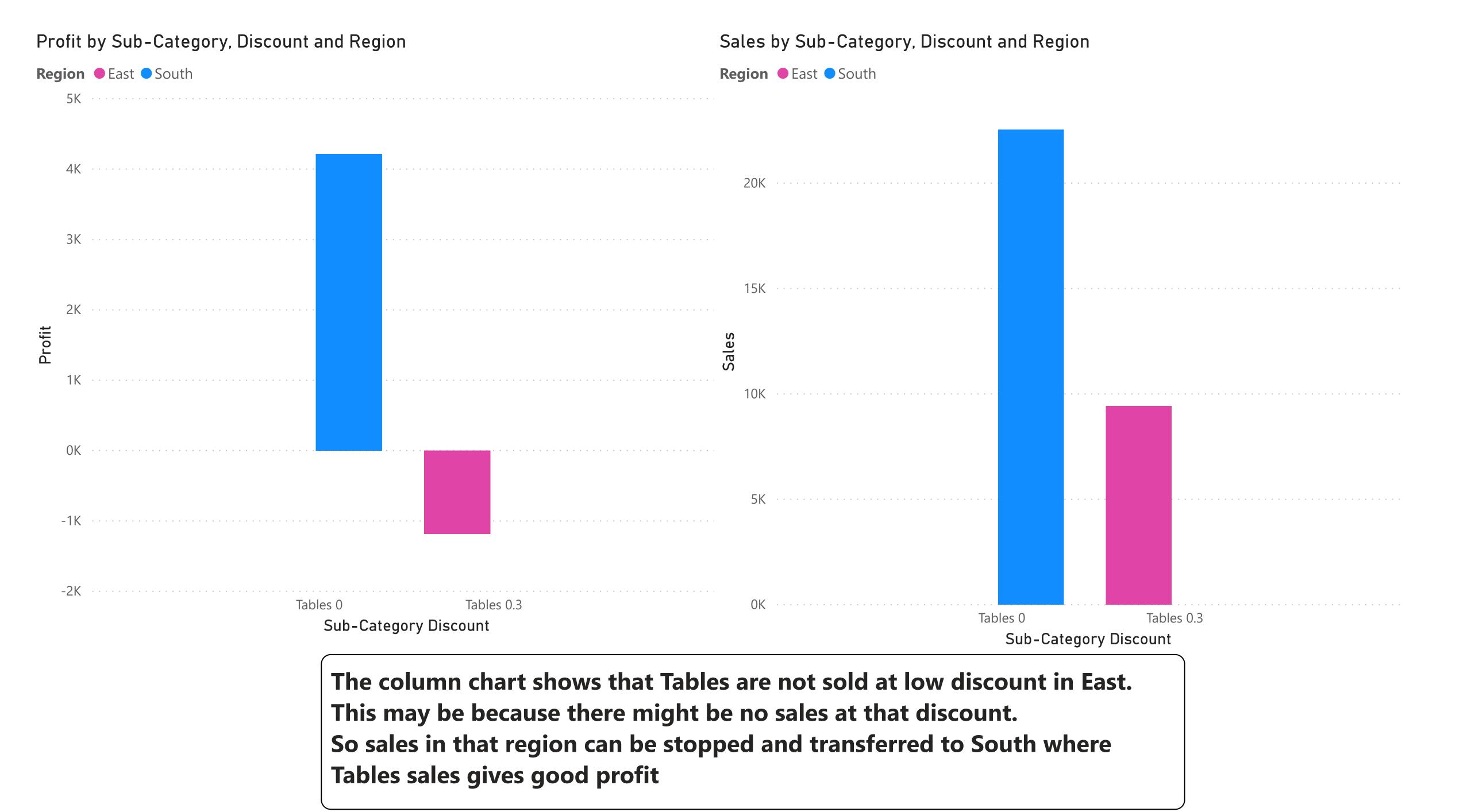








The column chart shows that Machines does not give expected level of profit at low discount. So sales in that region can be stopped and transferred to East where Machines sales gives good profit



Conclusion:

Thus it can be concluded that setting discounts from 0 to 0.2 gives a good profit, at the same time, there will be only a little effect on sales