

Reaching the Right Business Objective - Revenue vs Costs

Business Problem

Business Problem: High Business Losses



Components for Business Losses



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$$\text{Profit/ Loss} = \text{Revenue} - \text{Cost}$$


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Components for Business Losses

$$\text{Profit/ Loss} = \text{Revenue} \downarrow - \text{Cost} \uparrow$$

Revenue = `#products_sold * average_product_price`

A large, light gray watermark of the Analytics Vidhya logo is centered in the background. It features a line graph with an upward-pointing arrow and the text 'Analytics Vidhya'.

Components for Business Losses

$$\text{Profit/ Loss} = \text{Revenue} \downarrow - \text{Cost} \uparrow$$

$$\text{Revenue} = \text{\#products_sold} * \text{average_product_price}$$

$$\text{Revenue} = \text{\#customers} * \text{average_products_bought} * \text{average_product_price}$$

Components for Business Losses



$$\text{Profit/ Loss} = \text{Revenue} \downarrow - \text{Cost} \uparrow$$

$$\text{Revenue} = \text{\#products_sold} * \text{average_product_price}$$

$$\text{Revenue} = \text{\#customers} * \text{average_products_bought} * \text{average_product_price}$$

$$\text{Revenue} = (\text{\#old_customers} + \text{\#new_customers}) * \text{average_products_bought} * \text{average_product_price}$$

Components for Business Losses

Profit/ Loss = Revenue  - Cost 

Revenue = $\#products_sold * average_product_price$

Revenue = $\#customers * average_products_bought * average_product_price$

Revenue = $(\#old_customers + \#new_customers) * average_products_bought * average_product_price$

Revenue = $(\#high_val_customers + \#low_val_customers + \#new_customers) * average_products_bought * average_product_price$

Components for Business Losses

$$\text{Profit/ Loss} = \text{Revenue} \downarrow - \text{Cost} \uparrow$$
$$\text{Cost} = \text{\#products_bought} * \text{average_buying_price} + \text{operation_cost}$$


Components for Business Losses

$$\text{Profit/ Loss} = \text{Revenue} \downarrow - \text{Cost} \uparrow$$

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$$\text{Cost} = \text{\#products_bought} * \text{average_buying_price} + \text{inventory_cost} + \text{manpower_cost} + \text{promotional_Cost} + \text{other_operational_cost}$$

Components for Business Losses

$$\text{Profit/ Loss} = \text{Revenue} - \text{Cost}$$


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$$\text{Cost} = \text{\#manufacturer} * \text{average_products_bought} * \text{average_buying_price} + \text{inventory_cost} + \text{manpower_cost} + \text{promotional_Cost} + \text{other_operational_cost}$$



Thank you