

Data Analytics Development Problem

The code for this application is stored alongside this document as well as in this public repo:

<https://github.com/dylanpomeroy/Shopify-InternApplication-DAGProblem>

Answer:

I would use a metric determined by the average of the weighted order values. The weights would be determined by the frequency of the order counts found in each order. For example, an order with an item count of 2 is quite common, and would have a higher weight than an order with 2000 items. I calculated this weighted AOV to be **\$210.53**. This was done to reduce the impact on rare, very large, orders on the average order value.