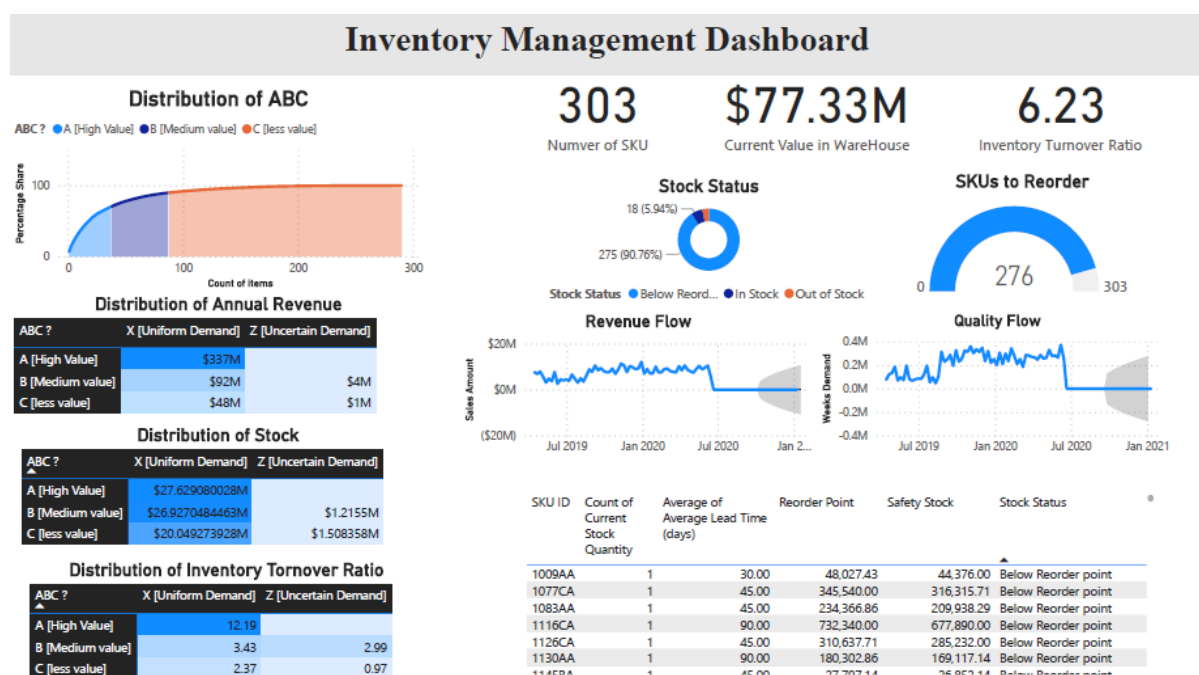




In this project I applied Both ABC analysis and XYZ analysis to inventory management.

ABC analysis is a method in which inventory is divided into three categories, i.e A,B and C in descending value. The items in the A category have highest value, B category items are of lower value than A, and C category items have the lowest value.

XYZ analysis is a way to classify inventory items according to the variability of their demand or derived/forecasted consumption. XYZ analysis can be used to plan material requirements and inventory levels so that waste, production delays, or excessive inventory levels can be avoided.



From the above dashboard. The total current value in the warehouse is 77.33 million dollars.

The inventory turnover ratio is a metric that measures how efficiently a company manages its inventory and is 6.23% which is high and indicate that a company is selling its inventory quickly.

For the stock status 91% of the stock are below reorder point.