


# Column Boxplots

Intro	State Cols	Store Cols	Product Cols	Sa les C..
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## Boxplots for each Data Column:

**Note: Red lines** indicate extreme outlier tails that have been omitted. These indicate a very skewed distribution of points.

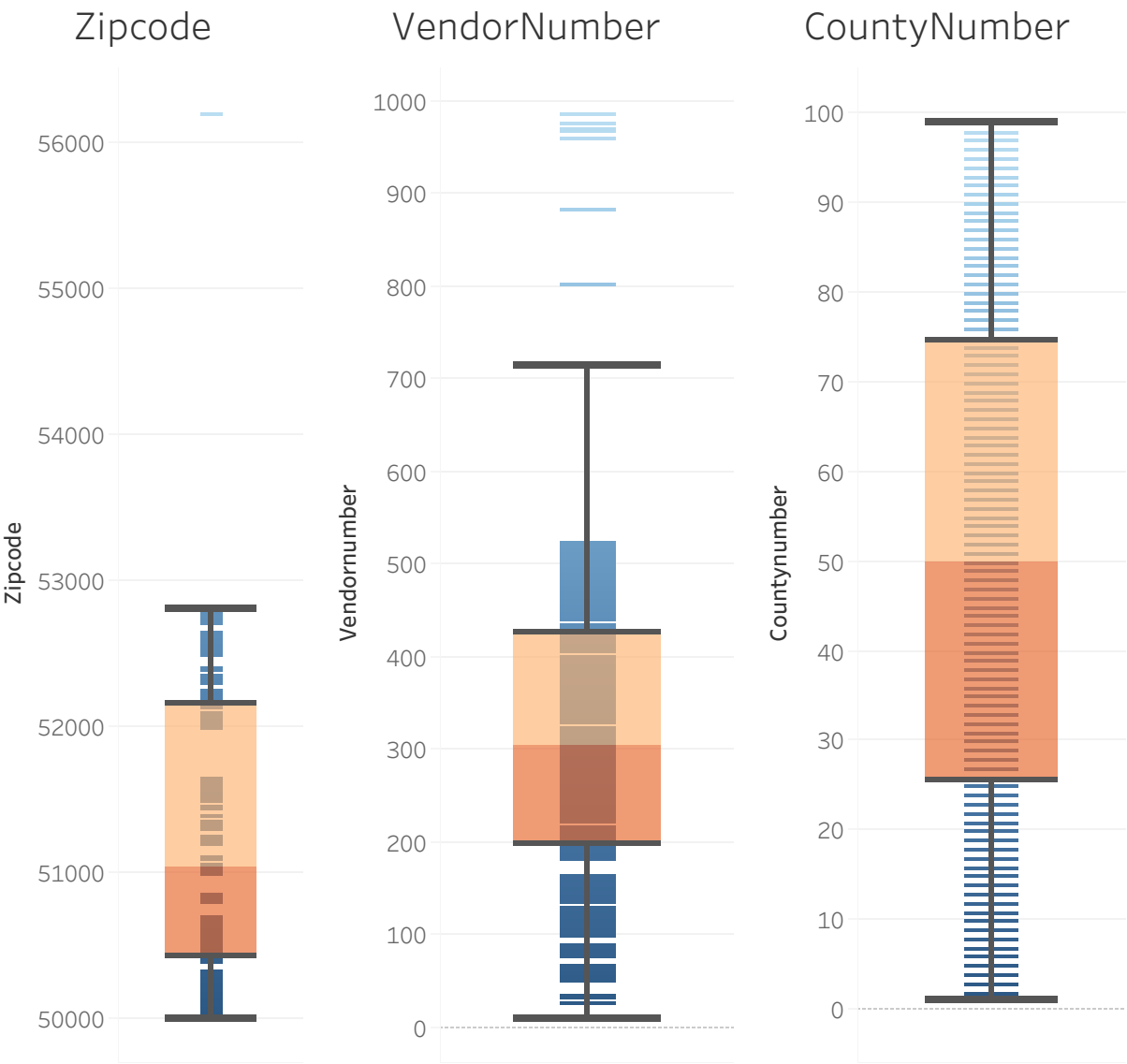
Interactive Plots (URL): <https://tabsoft.co/2ZAZU8J>

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## StateData

These measures are bounded, and stay in a predictable range and scale.

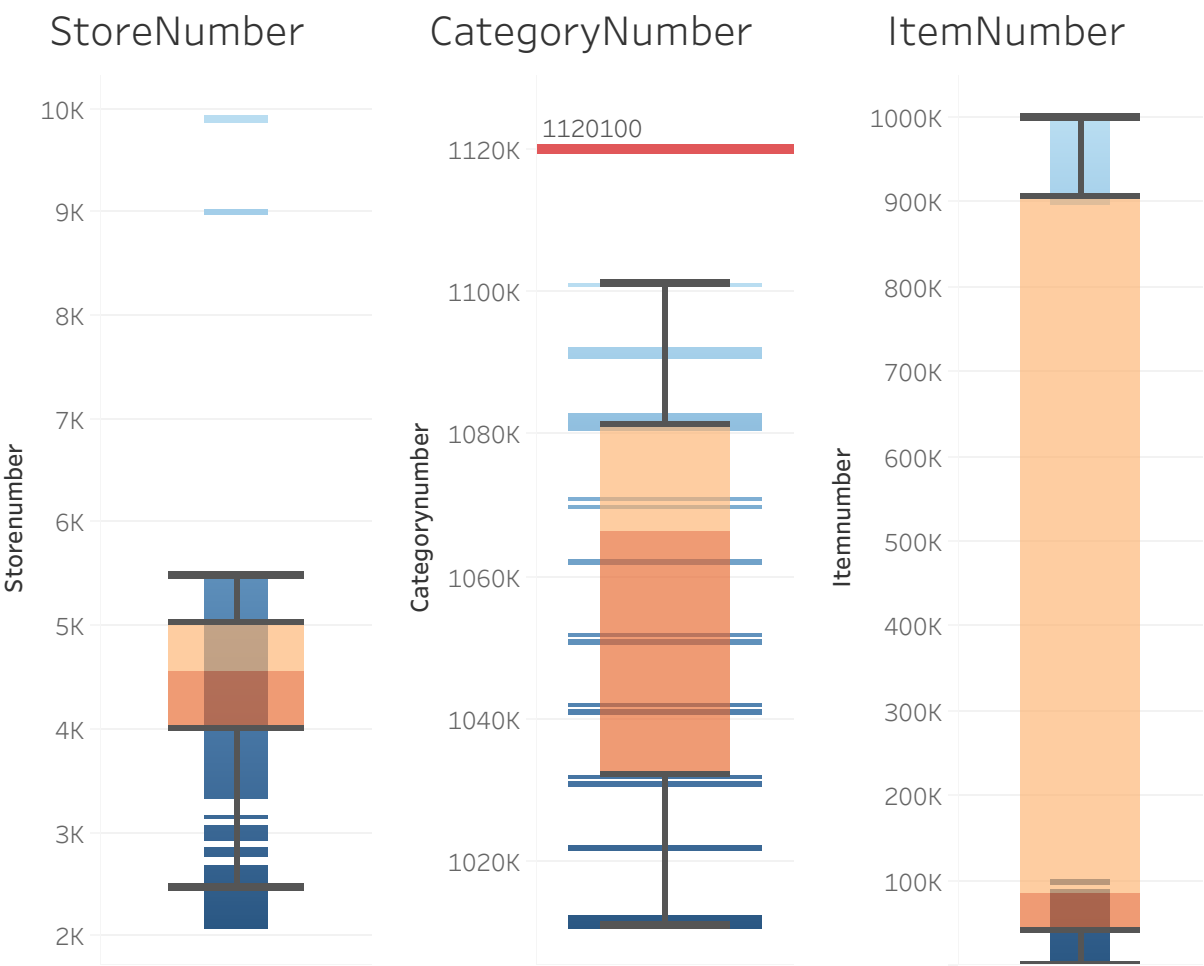


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Intro	State Cols	Store Cols	Product Cols	Sales Cols
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## StoreItem

Data anomolies noted in all three measures:(1) **Store Number**: Massive jumps and gaps, not continually alloted, or many stores closed. (2) **Catagory Numbers**: Live in discrete zones, have large jumps to accomodate subcatagories (?). (3) **ItemNumber**: Huge jumps in two sets of numbers. New and old numbering system? **Q**: Which products are in the two different catagories? Which items are in the two different item regions?



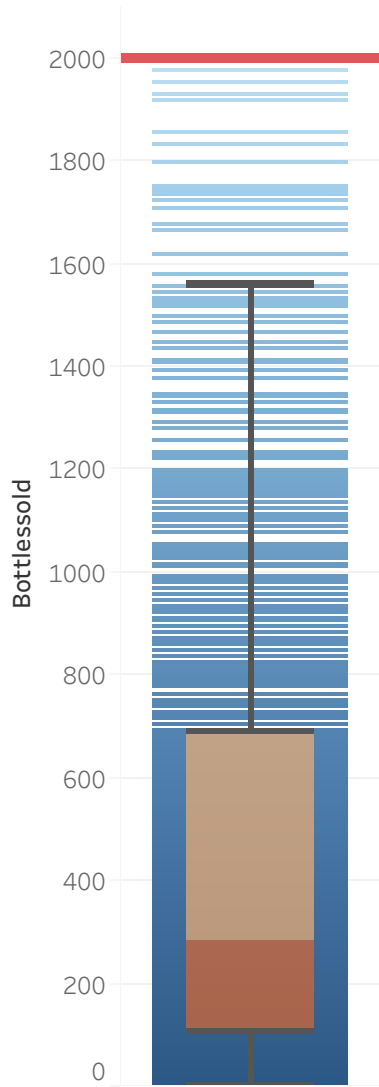
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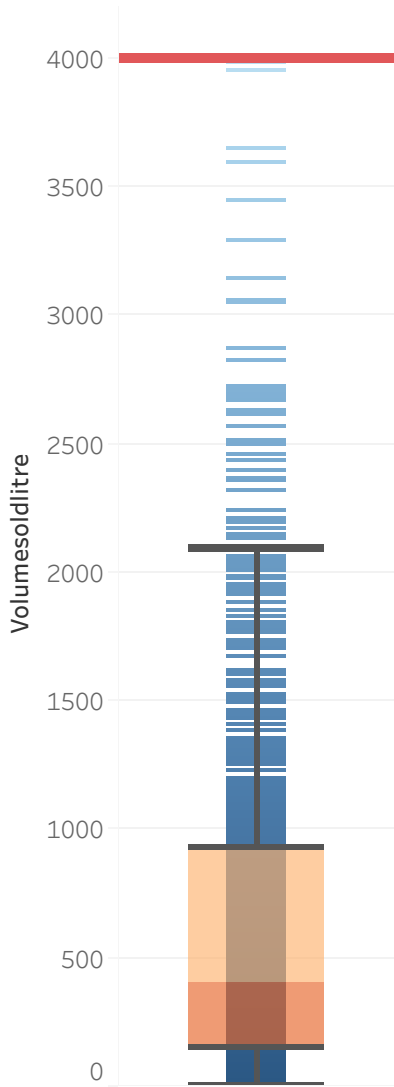
## VolumeBottles

Here, all measures have have very large, dense distributions of outliers, they have been cut out to visualize the boxplot more. Q: What do these outliers represent?

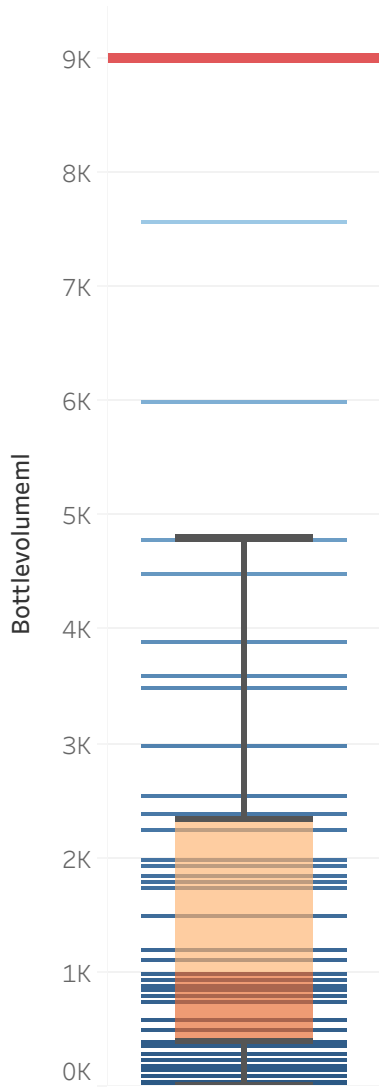
BottlesSold



VolumeSoldLitre



BottleVolumeMl



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## Sales

Again, we see massive outliers in the dataset. They have been clipped, as indicated by the red line, to see our boxplot better. Q: Verify data integrity by using volume, price and bottle sale data. What category are the very large sales in? Special promotions? Or Huge orders?

