

## Write Up

The visual narrative presented through the data aims to compare the tree sizes managed by two caretaker groups: "Private" and the "Department of Public Works" (DPW). The objective is to uncover potential differences in tree maintenance effectiveness between the two caretakers.

Data was refined by filtering out records to include only trees managed by "Private" or "DPW". Key statistical metrics such as the minimum, median, and maximum DBH (Diameter at Breast Height) were computed for each group to create a box plot—a visualization that succinctly encapsulates the distribution range and central tendencies of tree sizes.

The box plot's visual encodings—a central line for the median, a box for the interquartile range, and whiskers indicating variability—were specifically chosen for their clarity in displaying distribution. The design choices, from the color differentiation to the exclusion of extraneous details, were driven by the need to facilitate an immediate understanding of the comparative tree size data, thus allowing the audience to draw insights into the stewardship of urban trees by different caretakers.