Bubble Chart

Introduction

In the field of Data Science, it is often needed to take the help of a graph to gain a better understanding of the data and it's underlying structure. Bubble plot is such a graphing technique. In bubble plots, the the triplet <horizontal distance, vertical distance, area> of the bubbles (essentially circular areas, filled with distinctive colors) are used to infer the knowledge. It can be thought of as a 3D extension of the scatter plot where dots are replaced with circles, to express the third parameter.

Constraints

Bubble plot doesn't work with nominal and ordinal types of data, because the idea of area of the bubbles is based on the comparison between the individual entries of the data set.
Interval and ratio data type are readily plotted in this graph.

Visual Representation