

Data and Info Visualization - VisCanvas Exploration

Andrew Struthers, Gihane Ndjeuha, Kollin Trujillo, Nathan Chapman, Nick Haviland

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1 Part 1 - VisCanvas Introduction

There will be stuff in here eventually

2 Part 2 - Real n-D Data

2.1 Beans? - Andrew

2.2 Raisin Dataset - Kollin

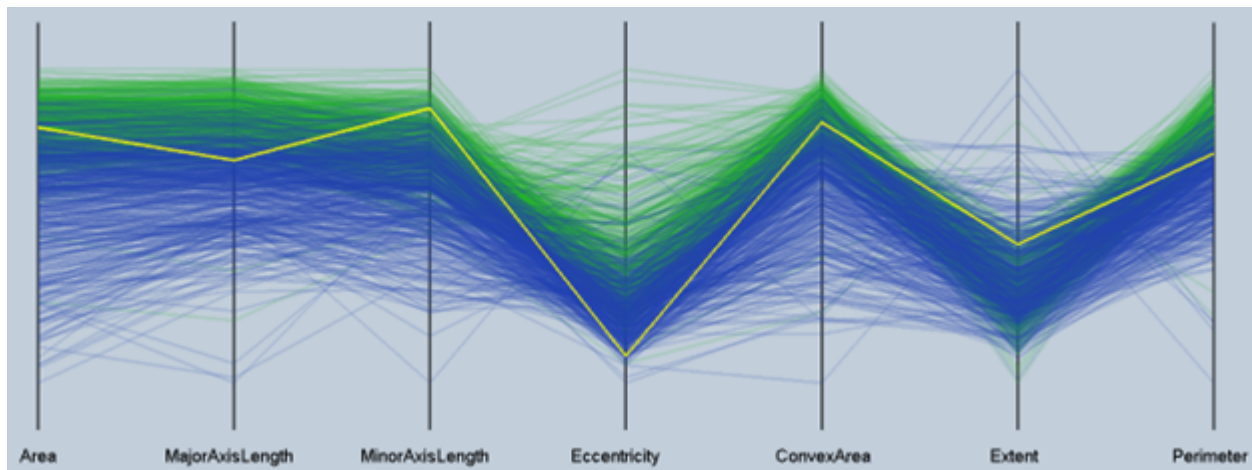


Figure 1: Raisin visualization

I chose the Raisin Dataset. This dataset consists of two classes of measurements from images of Kecimen and Besni raisin varieties. There are 900 total measurements of raisins with an equal distribution between the two varieties of raisins. The measures, or dimensions, of the data include a variety of morphological measurements. These measurements include area, major axis length, minor axis length, eccentricity, convex area, extent, perimeter, and then the classification into the

two varieties. This makes the dataset 7-dimensional. The figure shown above is the default parallel line coordinate.

In an attempt to ease in the visualization of the dataset, I will shift and relocate some of the points, which showcases that the Kecimen raisins are typically larger than Besni raisins.

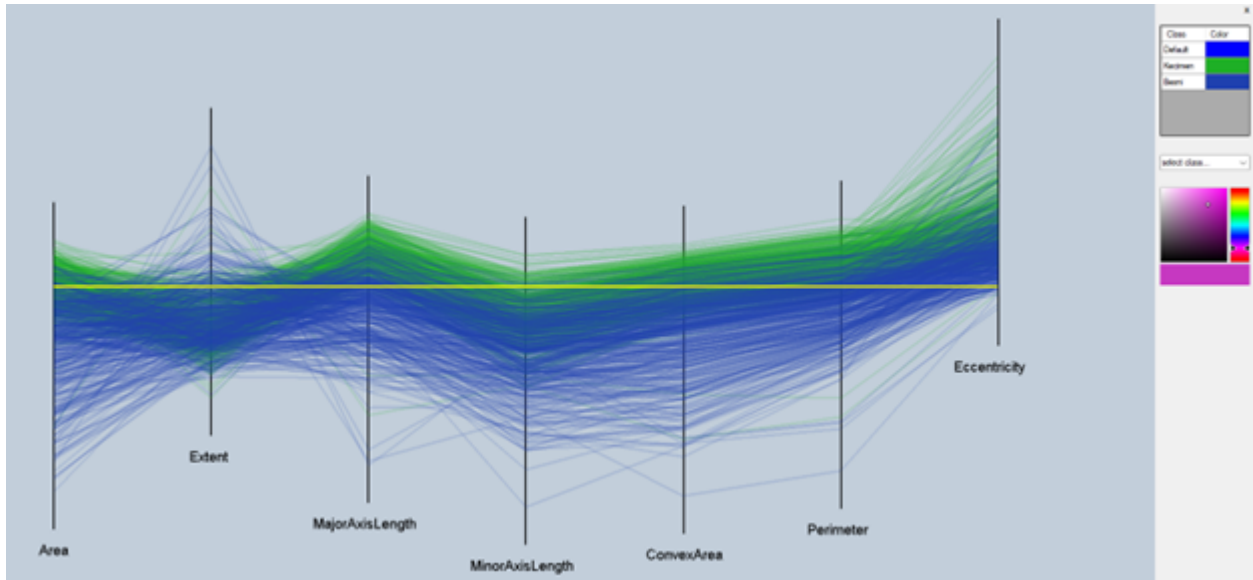


Figure 2: Cleaned up raisin data with classes showing

2.3 Real Data - 2c

2.4 Real Data - 2d

2.5 Real Data - 2e