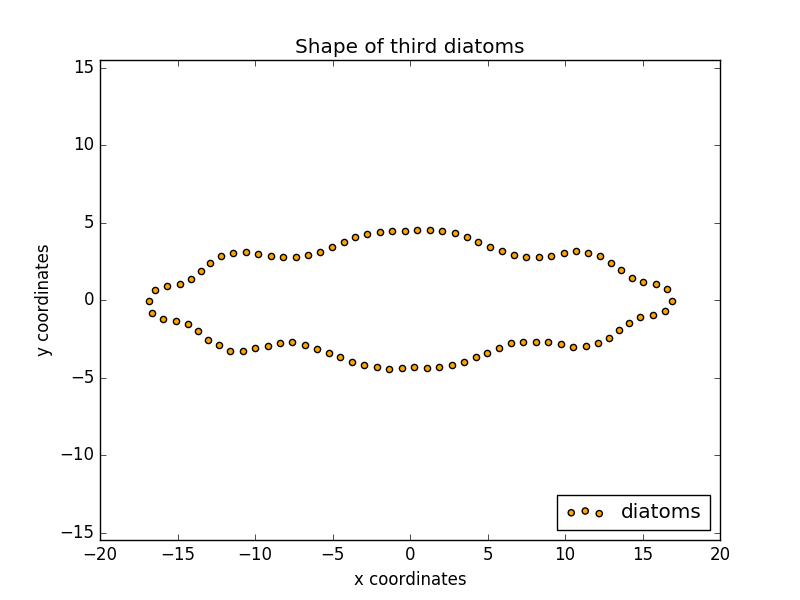
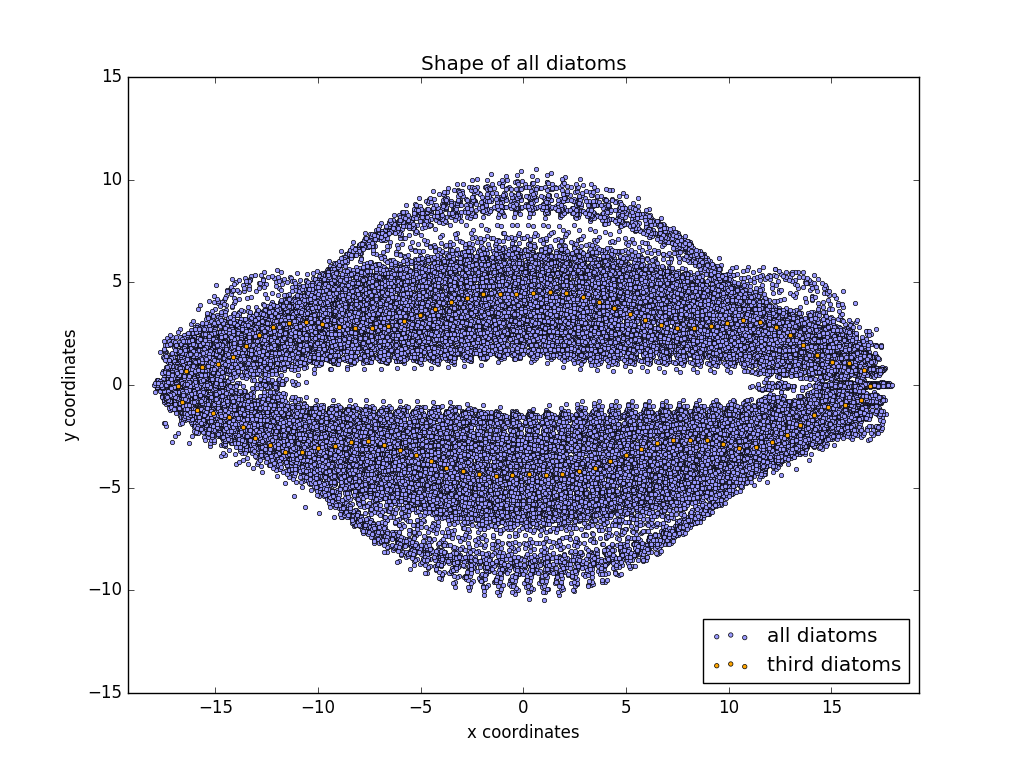
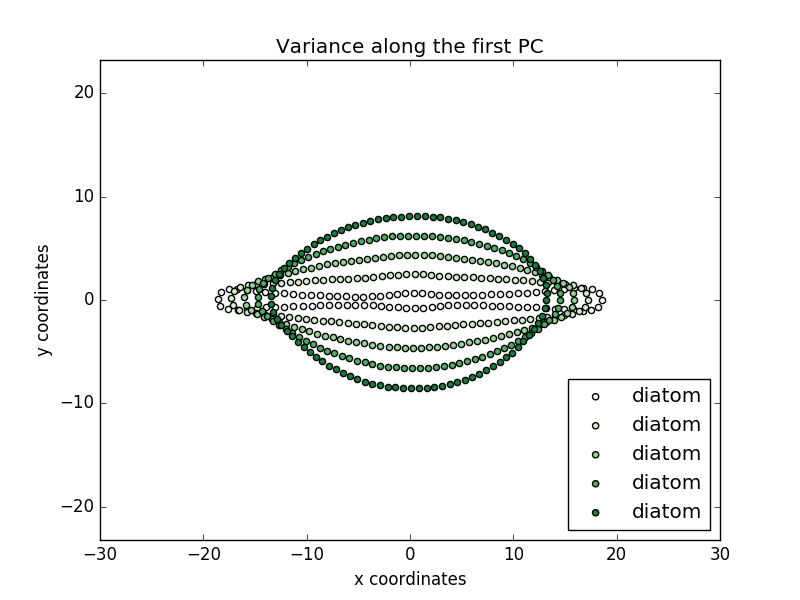
**Report Introduction to Data Science – Assignment 4**

**Exercise 1**

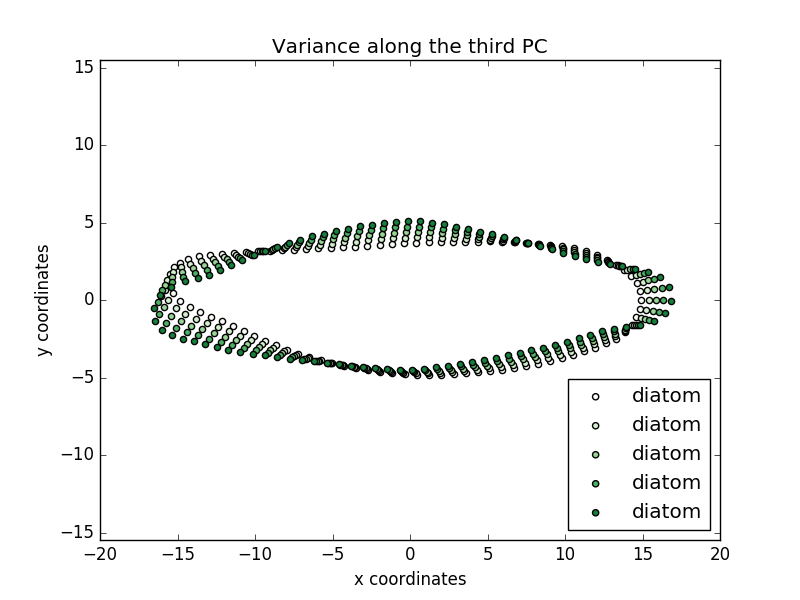


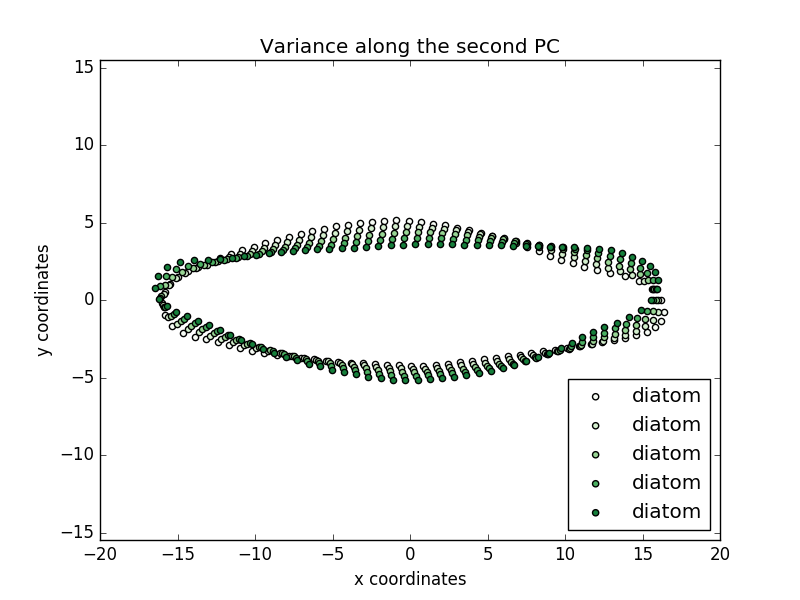
Can you see a pattern? Short description

**Exercise 2**

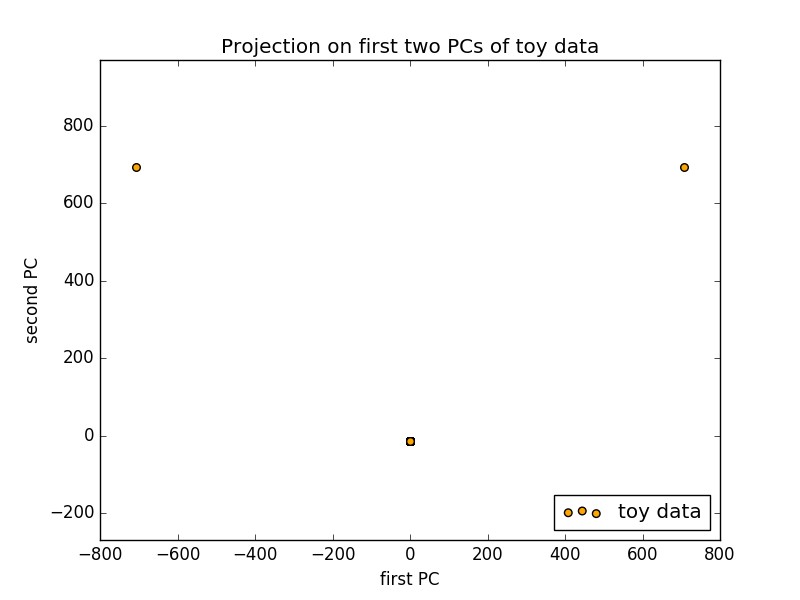
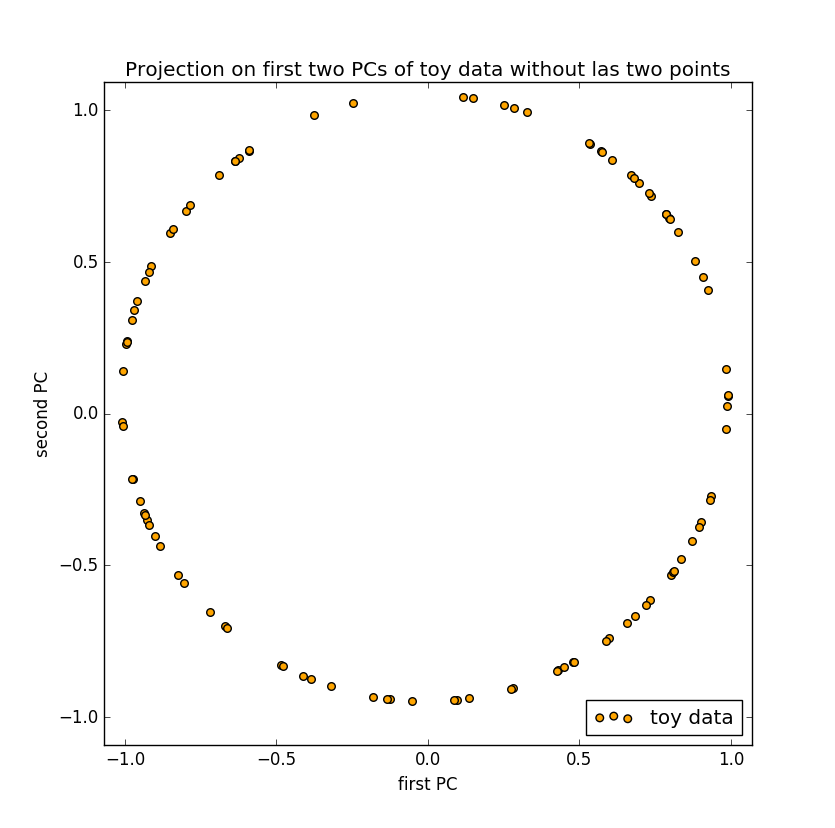
Describe variance captured by three components

A description of the three components





**Exercise 3**

****You should see a dramatic difference in result. Do you see the hidden structure? What happened?

**Exercise 4**