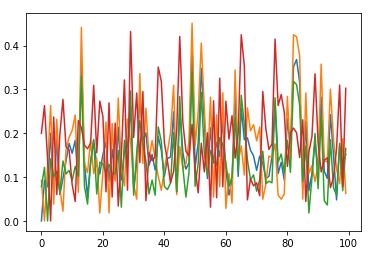
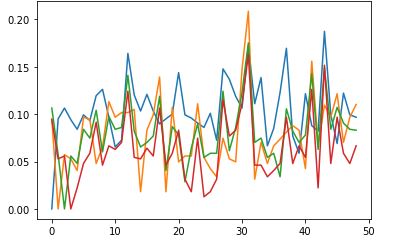
**Trabalho 4**

**Nome: Wallesson Cavalcante da Silva**

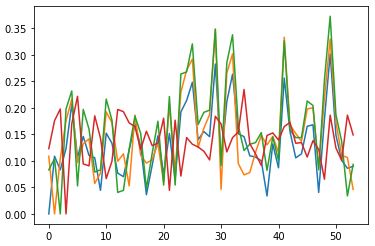
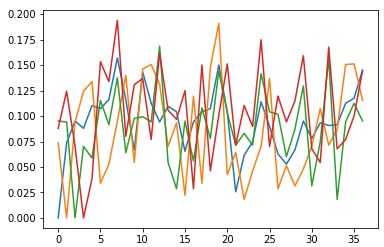
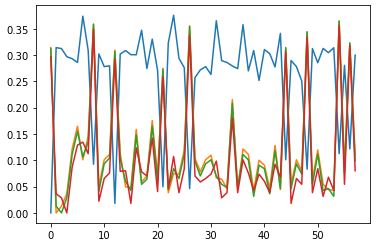
**Matrícula: 397670**

**K-Means**

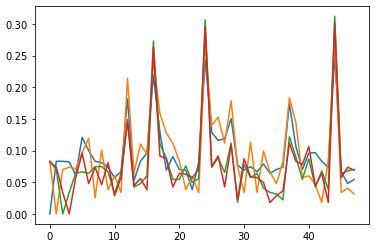
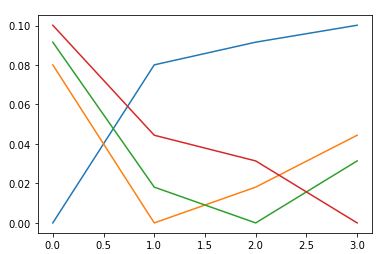
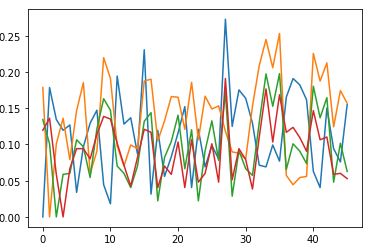
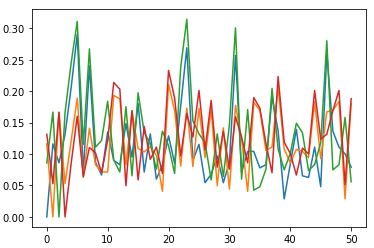
**k =2**



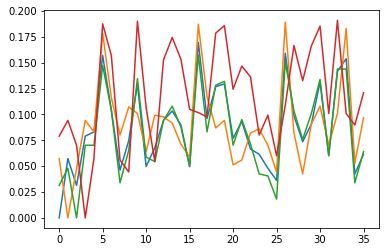
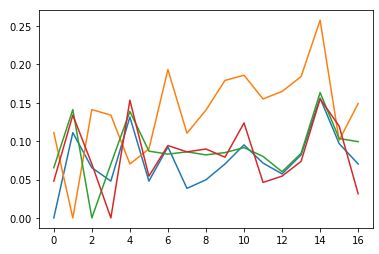
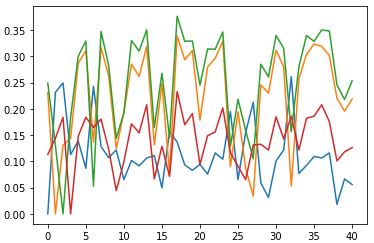
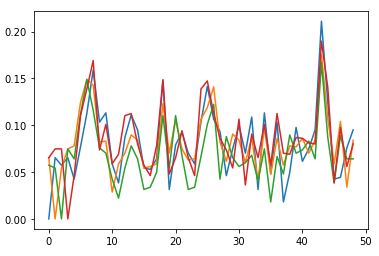
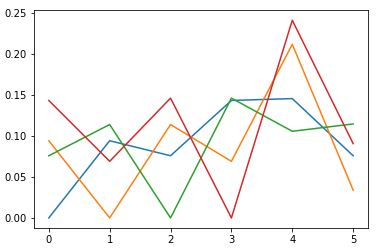
**k = 3**



**k = 4**



**k = 5**



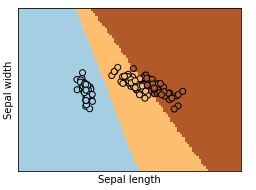
Os gráficos com melhor comportamento no modelo elaborado por mim neste trabalho são os que possuem k = 4 e k = 5. Porém o que apresenta melhor comportamento, visualmente é o k = 5.

**PCA**

**Variância**



**Gráfico de Dispersão**



**Árvore de Decisão**

**Erro**



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