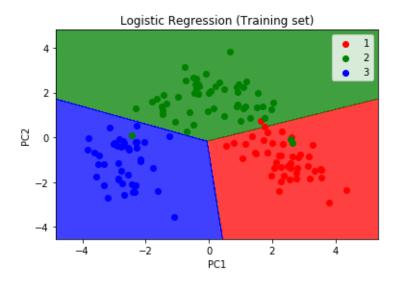
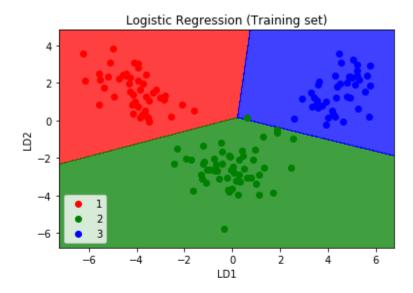
Wine Data Results using PCA

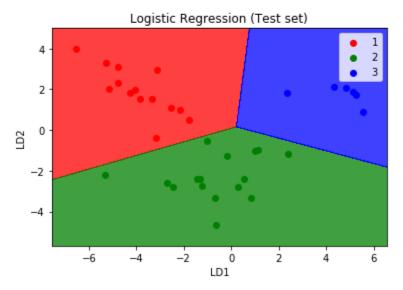


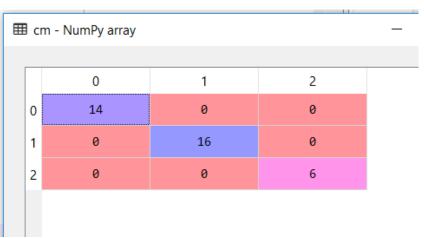


| ⊞ сі | ■ cm - NumPy array — | | | | | | | |
|------|----------------------|----|---|--|--|--|--|--|
| | 0 | 1 | 2 | | | | | |
| 0 | 14 | 0 | 0 | | | | | |
| 1 | 1 | 15 | 0 | | | | | |
| 2 | 0 | 0 | 6 | | | | | |
| | | | | | | | | |

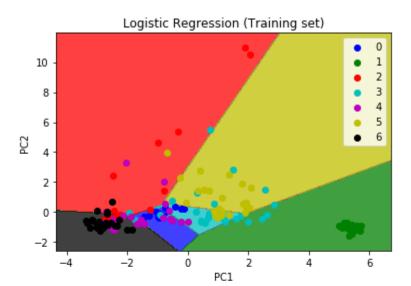
Wine Data Results using LDA

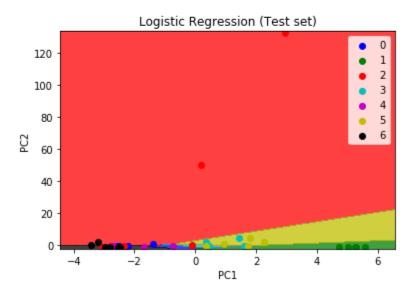






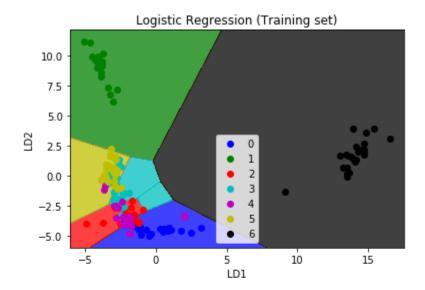
Segmentation data results using PCA

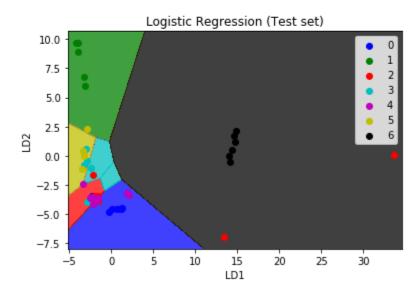




| cm | - NumPy array | | | | | | |
|----|---------------|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 2 | 1 | 0 | 0 | 3 |
| 3 | 0 | 1 | 0 | 2 | 0 | 2 | 0 |
| 4 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| 5 | 0 | 1 | 0 | 1 | 0 | 3 | 0 |
| 6 | 0 | 0 | 2 | 0 | 0 | 0 | 4 |

Segmentation data using LDA





| \blacksquare | cm | - N | um | Pγ | arra | y |
|----------------|----|-----|----|----|------|---|
|----------------|----|-----|----|----|------|---|

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|
| 0 | 6 | 0 | 1 | 0 | 0 | 0 | 0 |
| 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| 2 | 1 | 0 | 2 | 1 | 0 | 0 | 2 |
| 3 | 0 | 0 | 1 | 1 | 0 | 3 | 0 |
| 4 | 4 | 0 | 3 | 1 | 0 | 0 | 0 |
| 5 | 0 | 1 | 0 | 0 | 0 | 4 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | | | | | | | |

Segmentation data using PCA then tSNE

