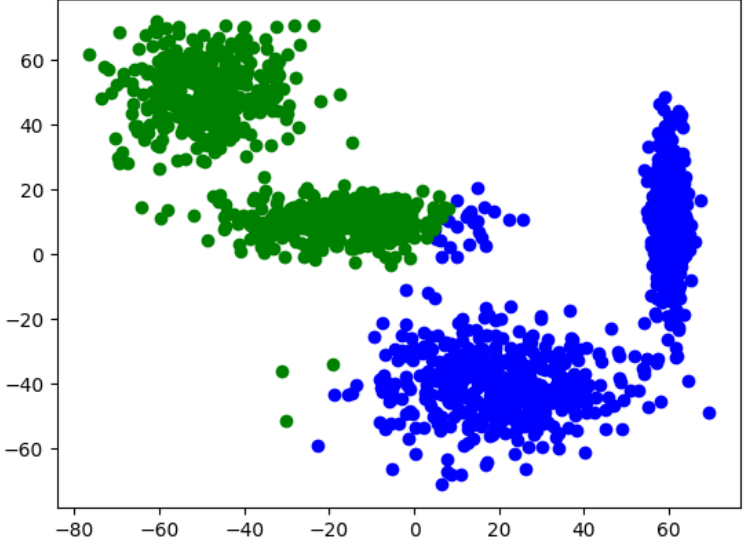
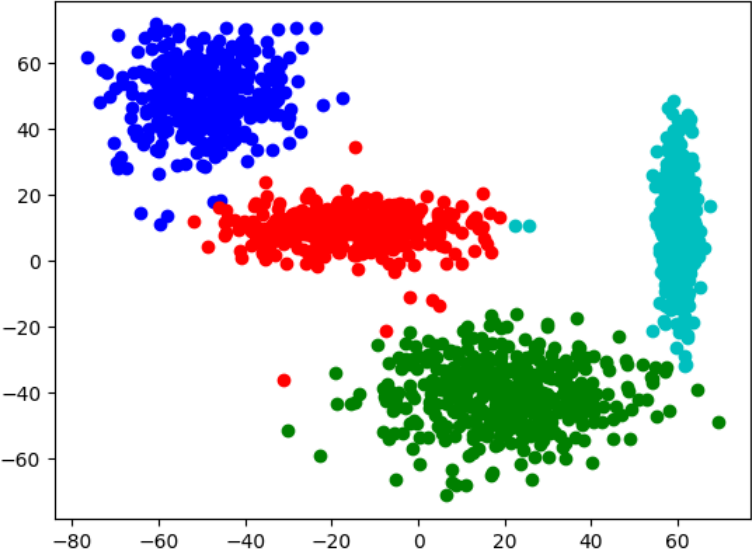
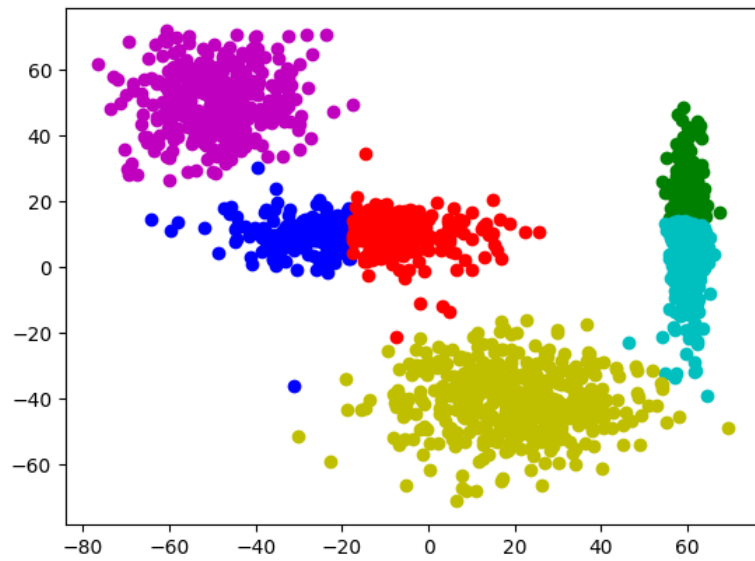


## K-means Clustering:

| K  | plot   |
|--|--|
| <p>2</p> <p><b>Inertia =</b><br/>1862265.89286248</p>  | <p>Inertia: 1862265.89286248</p>  <p>A scatter plot showing two clusters of data points. The green cluster is located in the upper-left and middle-left areas, while the blue cluster is in the middle-right and lower-right areas. The x-axis ranges from -80 to 80, and the y-axis ranges from -60 to 60.</p>                             |
| <p>4</p> <p><b>Inertia =</b><br/>411672.2320864755</p> | <p>Inertia: 411672.2320864755</p>  <p>A scatter plot showing four clusters of data points. The blue cluster is in the upper-left, the red cluster is in the middle-left, the green cluster is in the lower-right, and the cyan cluster is in the middle-right. The x-axis ranges from -80 to 80, and the y-axis ranges from -60 to 60.</p> |

6  
**Inertia =**  
299013.0405139666

Inertia: 299013.0405139666



7  
**Inertia =**  
297332.18706082273

Inertia: 297332.18706082273

