DBSCAN Algorithm Description and Result

Firstly, I tried to understand how DBSCAN was proposed in the paper. Then, I searched the DBSCAN in Scikit library to find out how DBSCAN works. As a result of the research, I learned some useful methods in Scikit library. I tried to understand the Demo of DBSCAN clustering algorithm model in the library. I tried running this model through Python. The model can be seen in “DBSCANapproach” python file. As a result of running the model, I learned more about how DBSCAN works. Then, I tried to analyze my csv file. Firstly, I made up the csv list which includes Beverages, Serving Size(ml) , Calories, and Sold Per Day categories (AlcoholicBeveragesAnalysis.csv). I tried doing building the clustering model. Then, I visualized the clustering. After that I tuned the parameters of the model and visualized the changes. The implementation can be seen in “DBSCANapproach2” python file.