|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Czas wykonania [s]** | **Epsilon** | **Min samples** | **Liczba klastrów** | **Wartość Silhouette** |
| 0.19567 | 0.004 | 10 | 62 | -0.04491 |
| 0.19617 | 0.004 | 20 | 49 | 0.07971 |
| 0.19817 | 0.004 | 15 | 50 | 0.08199 |
| 0.19867 | 0.004 | 5 | 91 | -0.11344 |
| 0.35230 | 0.009 | 15 | 7 | -0.05538 |
| 0.35380 | 0.009 | 10 | 7 | -0.01383 |
| 0.35781 | 0.009 | 5 | 13 | -0.10052 |
| 0.37332 | 0.009 | 20 | 9 | -0.19831 |
| 0.53746 | 0.014 | 15 | 4 | 0.34237 |
| 0.53946 | **0.014** | **20** | **4** | **0.34237** |
| 0.53996 | 0.014 | 5 | 8 | 0.25521 |
| 0.54146 | 0.014 | 10 | 6 | 0.32441 |
| 0.72162 | 0.019 | 5 | 4 | 0.33666 |
| 0.72763 | 0.019 | 10 | 6 | 0.28842 |
| 0.73913 | 0.019 | 20 | 4 | 0.34370 |

|  |  |  |
| --- | --- | --- |
| **Porównanie czasów wykonania algorytmu dla epsilon = 0.004, min\_sample = 15** | | |
|  | **Jan DBSCAN** | **Scikit DBSCAN** |
| Epsilon | 0.004 | 0.004 |
| Min samples | 15 | 15 |
| Liczba klastrów | 553 | 50 |
| Czas [s] | 1888 | 0.19817 |
| Silhouette | -0.68973 | 0.08199 |
| **Porównanie czasów wykonania algorytmu dla epsilon = 0.015, min\_sample = 20** | | |
|  |  |  |
| Epsilon | 0.015 | 0.014 |
| Min samples | 20 | 20 |
| Liczba klastrów | 103 | 20 |
| Czas [s] | 1903 | 0.53946 |
| Silhouette | -0.85454 | 0.34237 |