



Eksploracja Danych

Link do bazy danych:

<https://community.tableau.com/docs/DOC-1236?fbclid=IwAR0DAWKkiPYs99YUyCR7Ztv6HYChvI86a4qZQzy89KdDasikBNran1bdnO8>

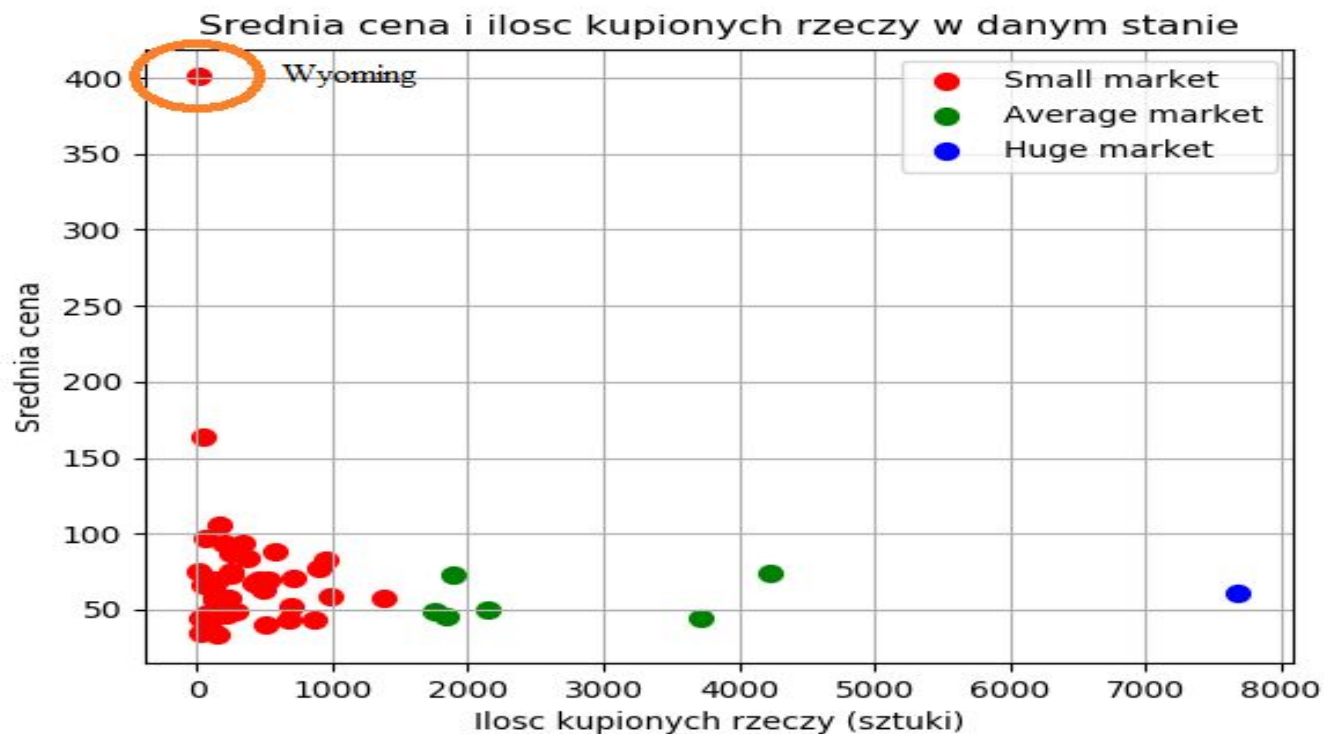
Zbiór danych

Items	
Furniture	Bookcases
	Chairs
	Furnishings
	Tables
Office Supplies	Appliances
	Art
	Binders
	Envelopes
	Fasteners
	Labels
	Paper
	Storage
	Supplies
Technology	Accessories
	Copiers
	Machines
	Phones

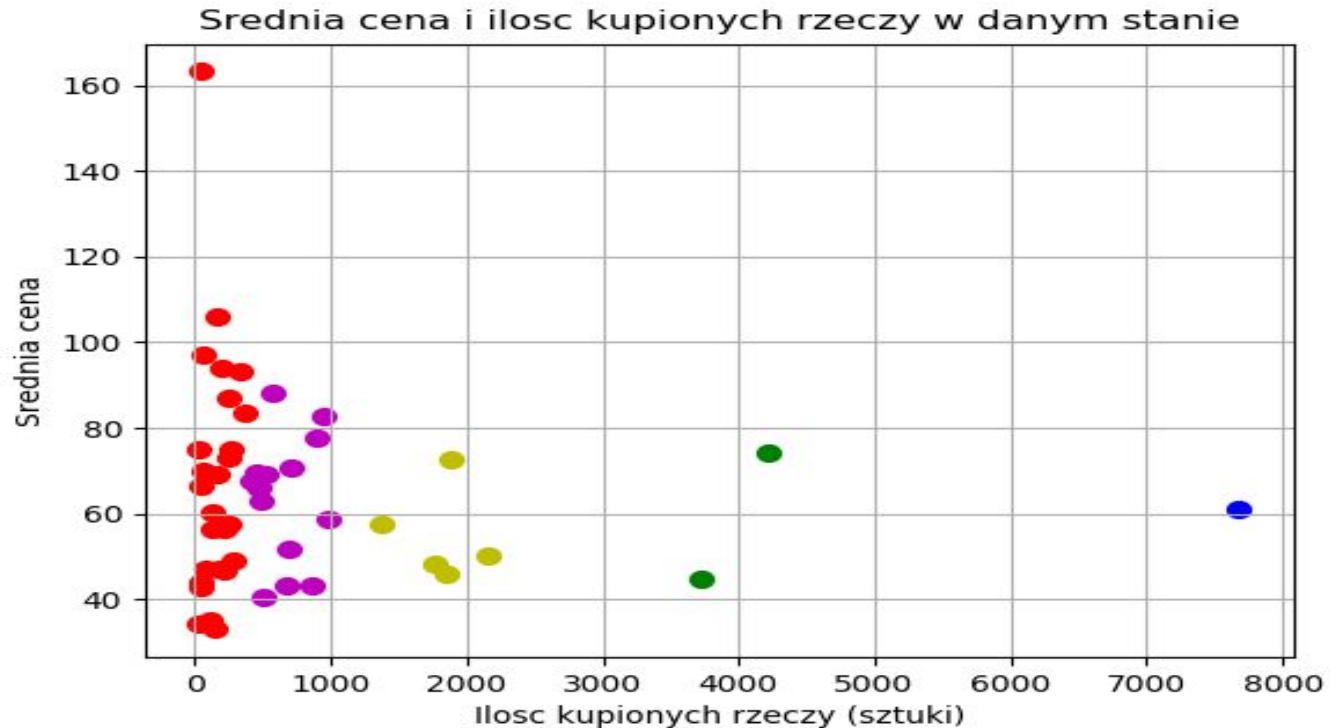
Person	first name and last name
Segment	Consumer
	Corporate
	Home Office

Location	Numbers	Date and transport
Region	Sales	OrderDate
State	Quantity	ShipDate
City	Discount	ShipMode
PostalCode	Profit	--

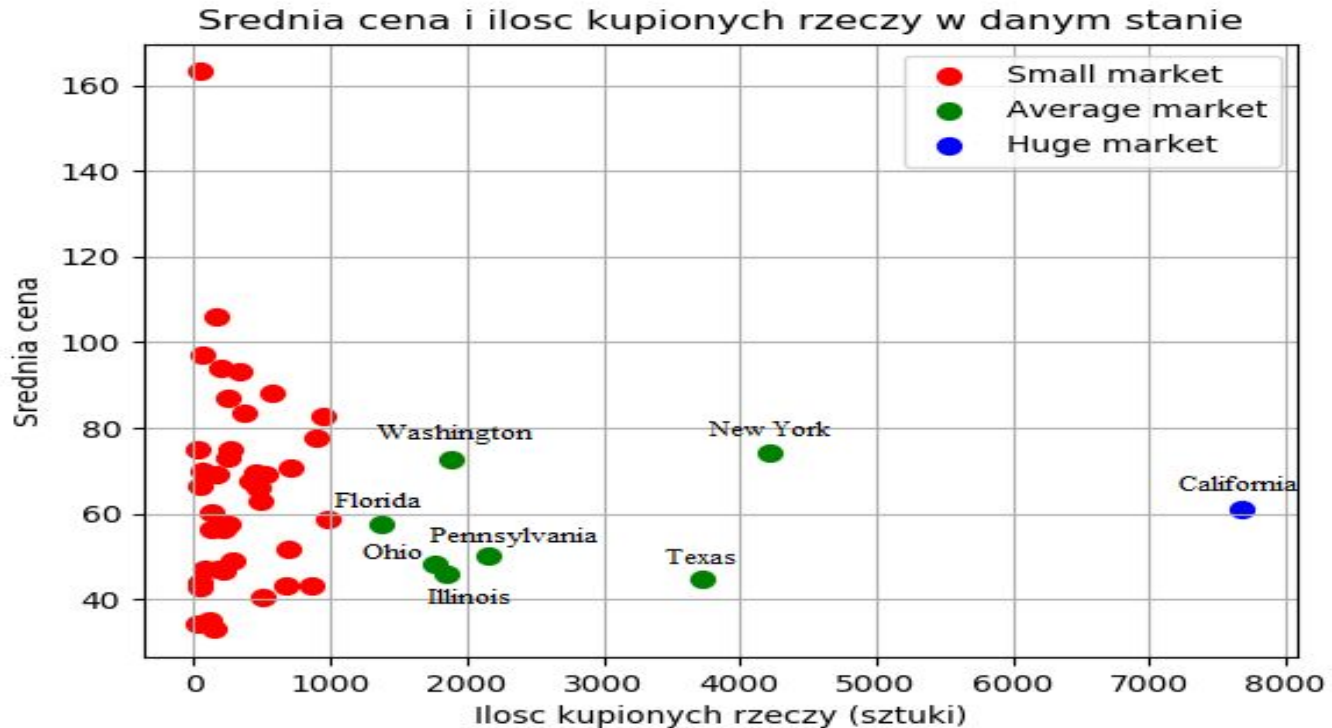
Redukcja danych



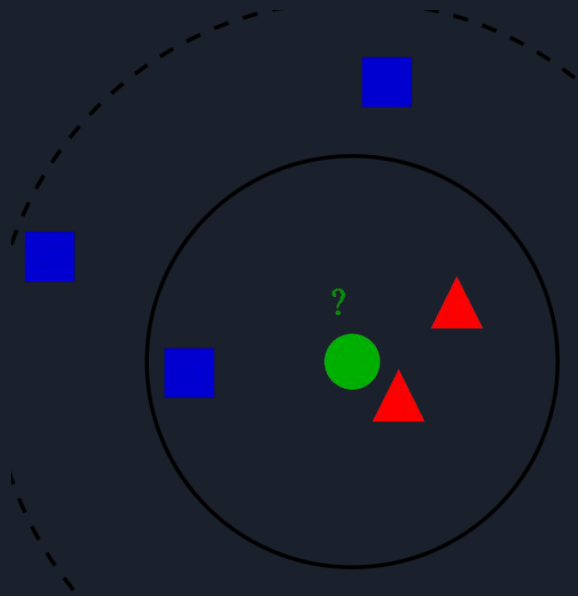
Normalizacja danych



Klasteryzacja (kmeans)

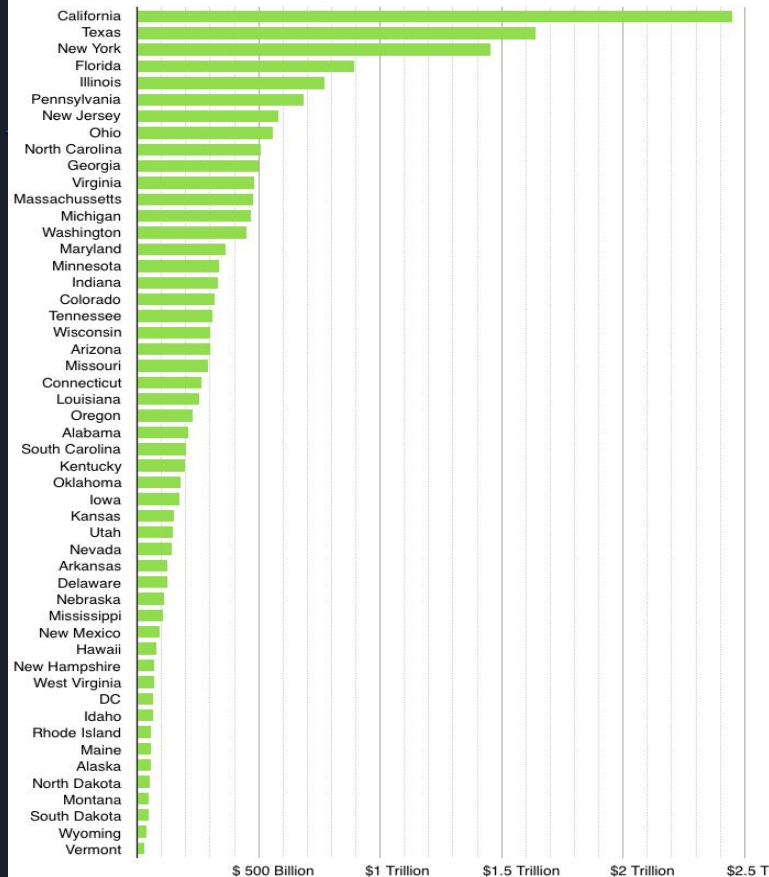


Klasyfikacja (k-nearest neighbors)



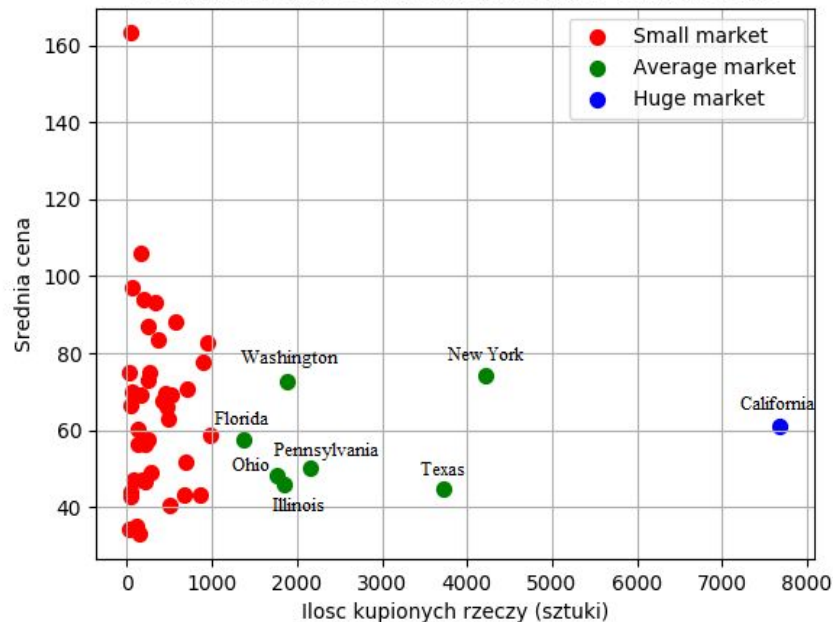
```
Accuracy of K-NN classifier on training set: 1.00  
Accuracy of K-NN classifier on test set: 0.93
```

State GDP in 2015



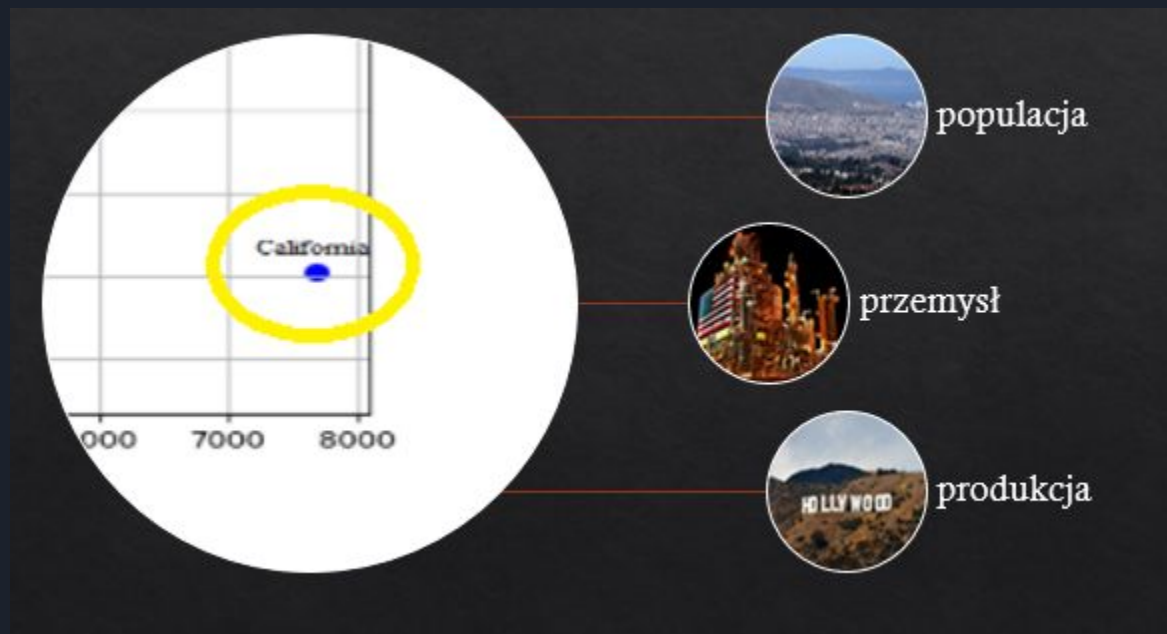
Kalifornia

Srednia cena i ilosc kupionych rzeczy w danym stanie



https://en.wikipedia.org/wiki/List_of_U.S._states_and_territories_by_GDP

Kalifornia



Kalifornia nowe państwo?

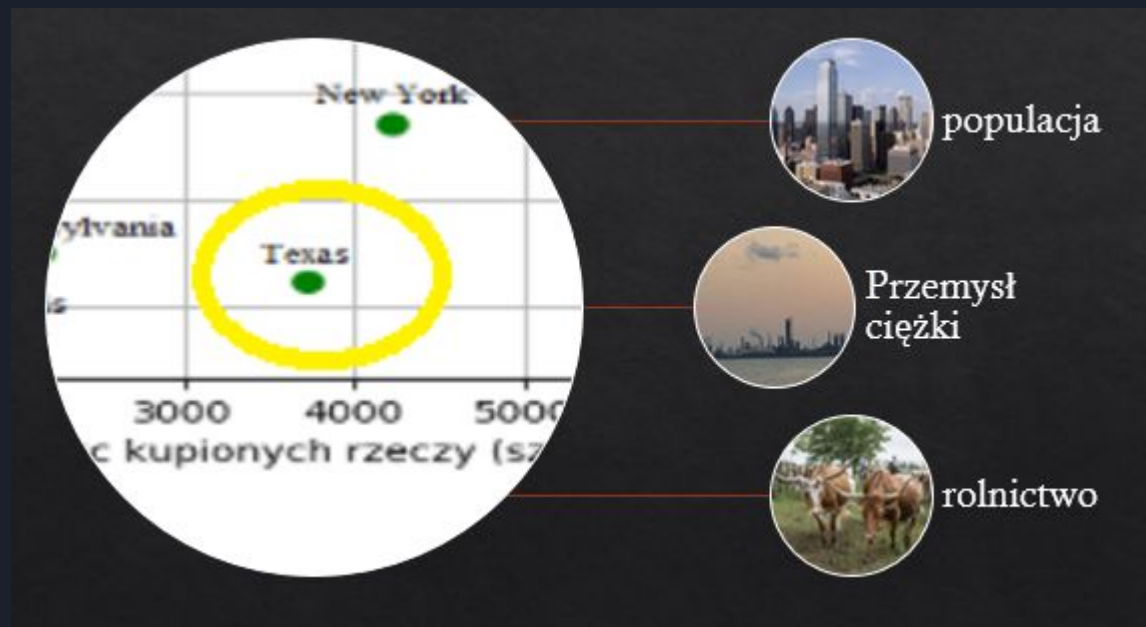


<https://sfist.com/2016/11/22/calexit> sadly cant really happen bu/

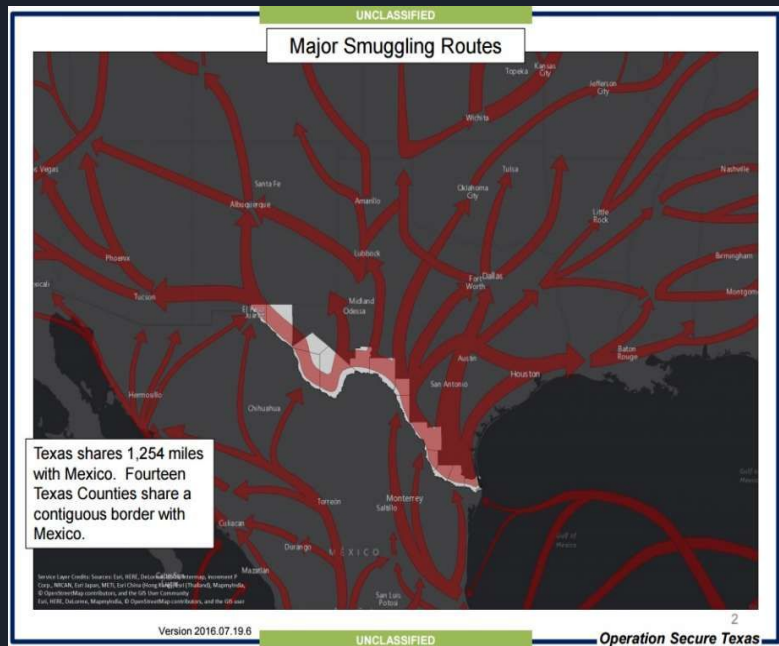


<https://twitter.com/yescalifornia/status/796829998690816002>

Texas



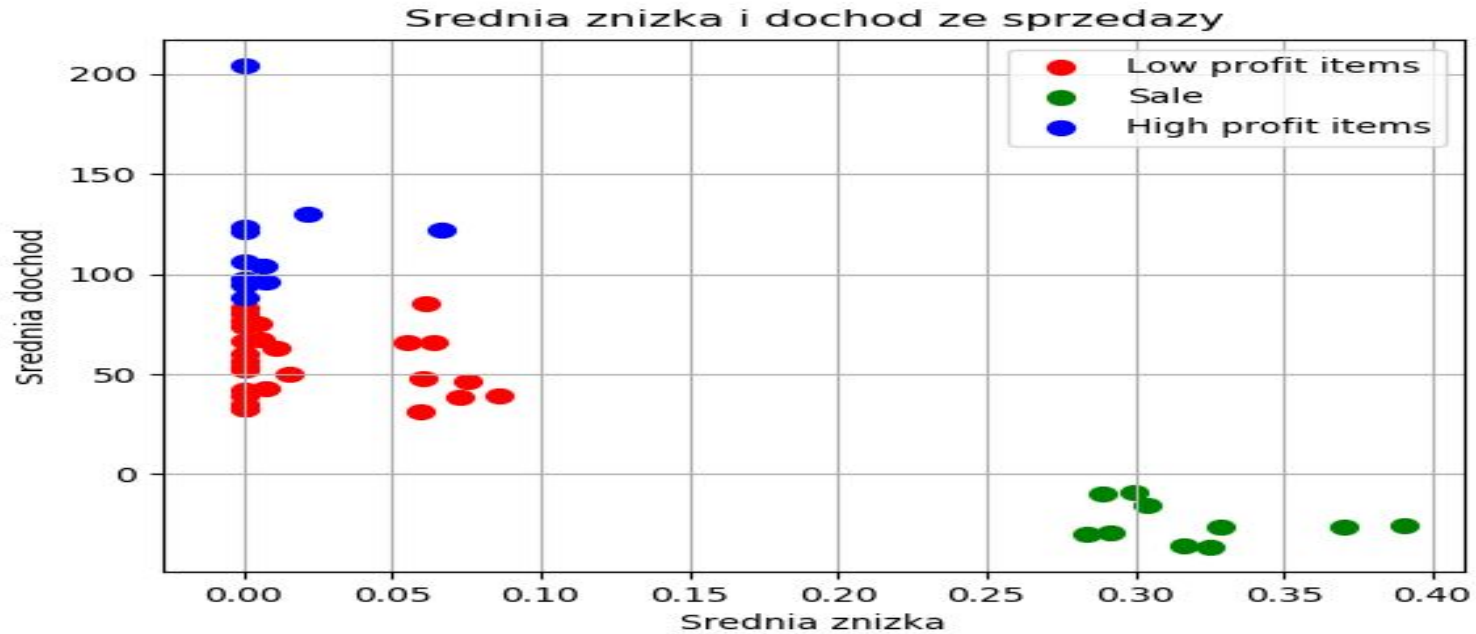
Przemyt?



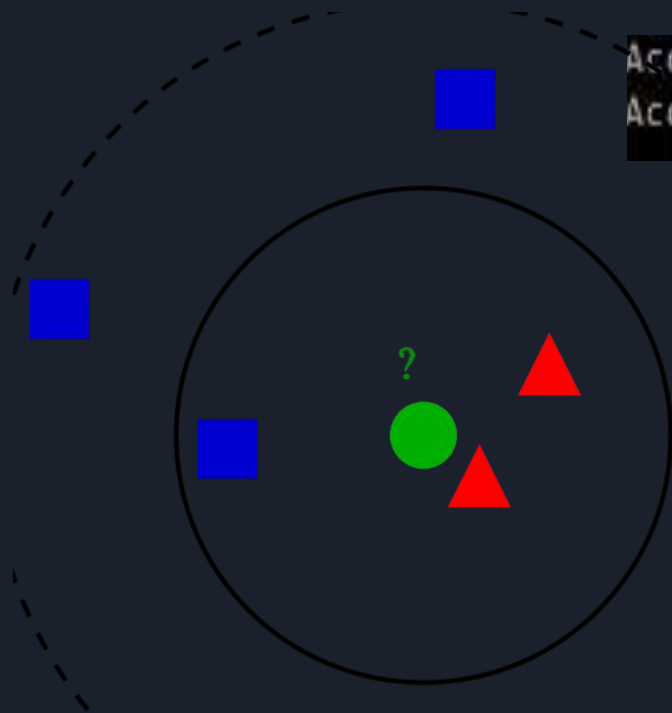
<https://www.mysanantonio.com/news/us-world/border-mexico/article/Texas-DPS-has-a-map-of-smuggling-routes-into-Texas-9377027.php>

<https://kozgazdasagivizualizacio.blog.hu/tags/infografika/page/8>

Klasteryzacja (kmeans)

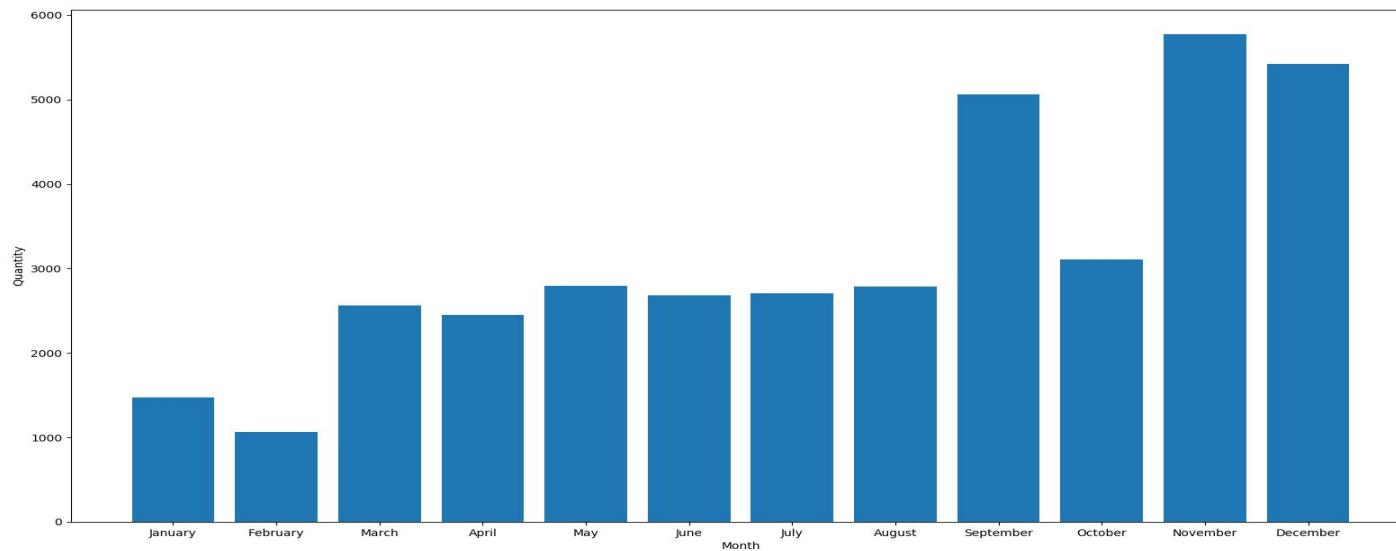


Klasyfikacja (k-nearest neighbors)



```
Accuracy of K-NN classifier on training set: 1.00  
Accuracy of K-NN classifier on test set: 1.00
```

Miesięczne zakupy



Statystyka

