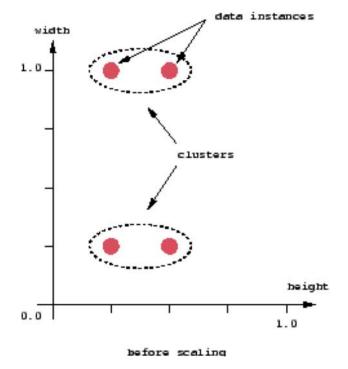
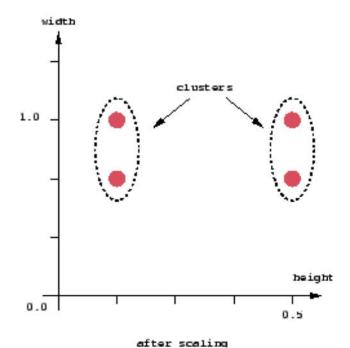
	BOS	NY	СНІ	DEN	SF	SEA
BOS	0	206	963	1949	3095	2979
NY		0	802	1771	2934	2815
CHI			0	966	2142	2013
DEN				0	1235	1307
SF					0	808
SEA						0

- BOS NY CHI DEN SF SEA
- {BOS, NY} CHI DEN SF SEA
- {BOS, NY, CHI} DEN SF SEA
- {BOS, NY, CHI} DEN {SF, SEA}
- {BOS, NY, CHI, DEN} {SF, SEA, DEN}
- {BOS, NY, CHI, DEN, SF, SEA}





## Minkowski Metric

$$dist(X1,X2,p) = (\sum_{k=1}^{len} abs(X1_k - X2_k)^p)^{1/p}$$

p = 1: Manhattan Distance

P = 2: Euclidean Distance

```
#Number of kinds of teeth
#C1='Right Top Incisors'
#C2='Right Bottom Incisors'
#C3='Right Top Canines'
#C4='Right Bottom Canines'
#C5='Right Top Premolars'
#C6='Right Bottom Premolars'
#C7='Right Top Molars'
   Brown Bat
                       23113333
                       32103333
  Mole
   Silver Hair Bat 23112333
  Pigmy Bat
                       23112233
  House Bat
                       23111233
                       13112233
  Red Bat
  Pika
                       21002233
  Rabbit
                       21003233
                       11002133
   Beaver
                       11002133
   Groundhog
                        33114412
  Marten
                       04003333
   Moose
```

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