# 1.analiza univarianta

histograma

boxplot

Q2 = mediana

Q1 = quartila 1

Q3 = quartila 2

valori aberante, outliers

atribute categoriale

barplot

# 2.analiza multivariata

## 2.1 analiza bivariata

- corelatia pierci

- scatter plot cu cele 2 variabile

- teste de idependenta

Daca atributele sun categoriale atunci facem teste de independenta

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Y1 | Y2 | Y3 | Y4 |
| X1 |  |  |  |  |
| X2 |  |  |  |  |

Comapartie atribut numeric vs atribut categorial

-boxploturi

- 2 histograme cu transparenta

## 2.2 Mai mult de 2 atribute

- rotirea datelor

-pachetul tour

-PCA