



**Veri Madenciliği Araçları**

# Veri Madenciliği Araçları

Weka



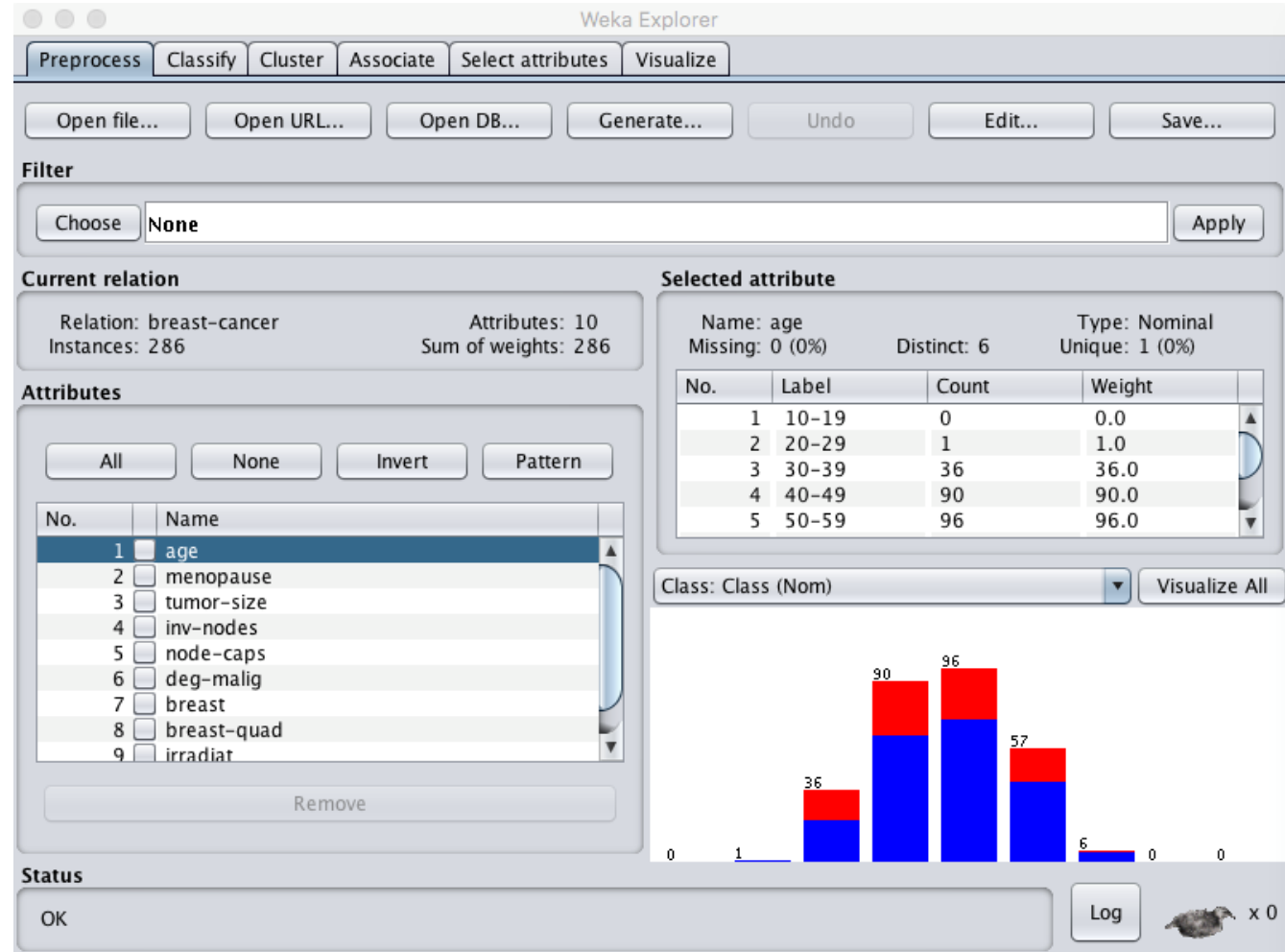
Orange





# Weka

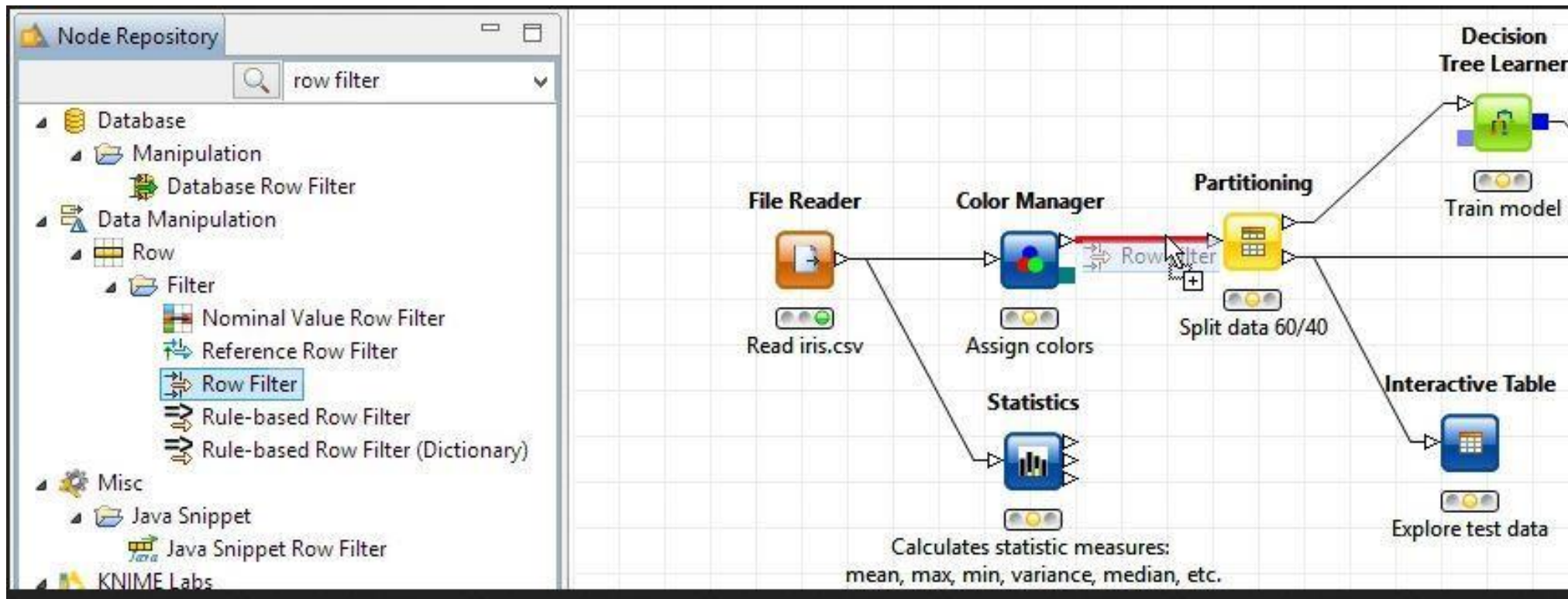
- Veri Ön İşleme
- Sınıflandırma
- Kümeleme
- Birliktelik Kuralı
- Özellik Seçimi
- Görselleştirme



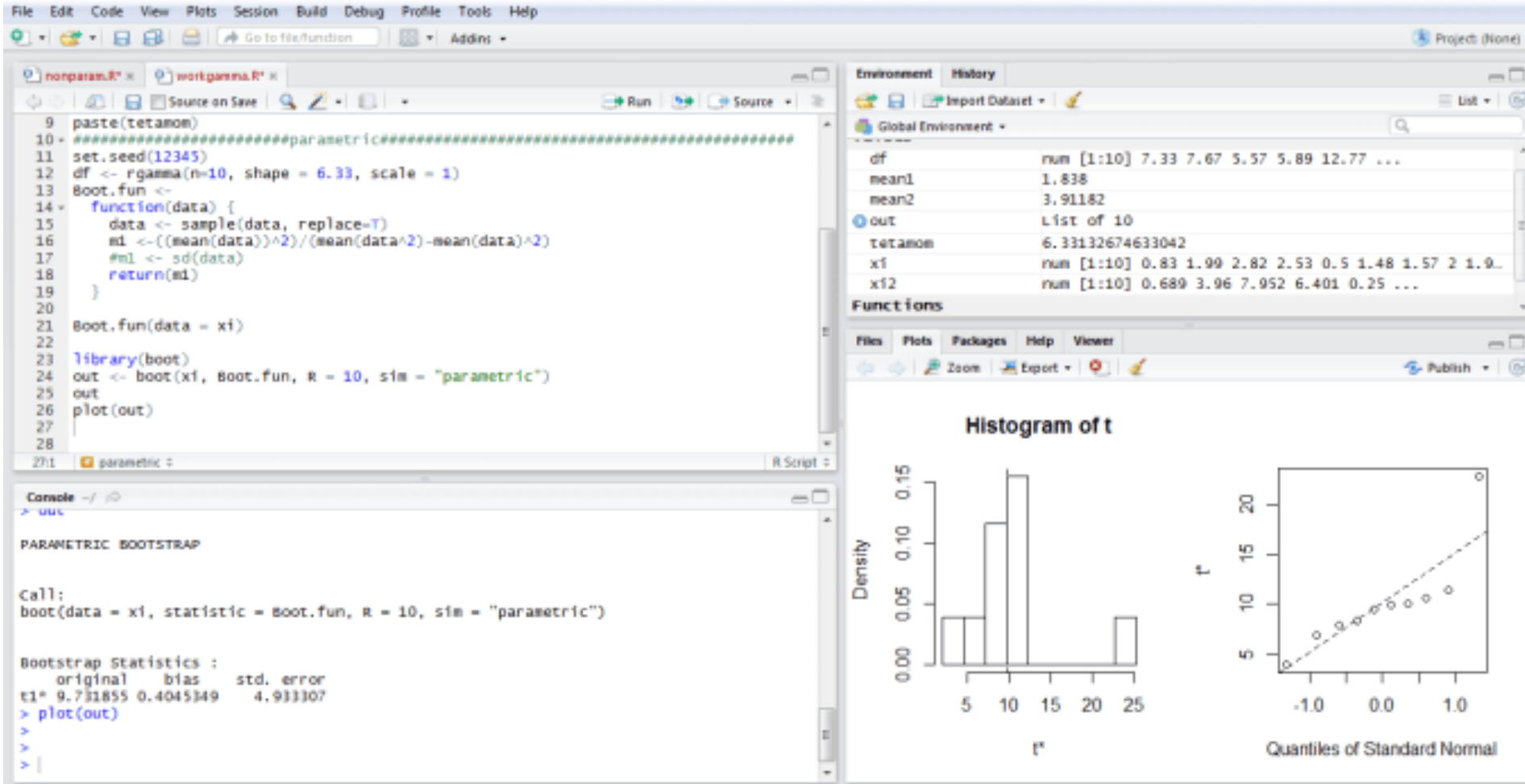


# Knime

Açık kaynak kodlu olarak geliştirilmiş bir yazılımdır.



# R Veri Analiz Aracı



# Rapid Miner

//Samples/processes/01\_Learner/01\_DecisionTree\* – RapidMiner Studio Professional (Trial) 6.5.001 @ Softpedias-iMac.local

Home Design (F8) Results (F9) Accelerator

Operators Search

Process Control (40)
 

- Parameter (5)
  - Set Parameters
  - Clone Parameters
  - Optimize Parameters (Grid)
  - Optimize Parameters (Quadratic)
  - Optimize Parameters (Evolutionary)
- Loop (19)
  - Loop
  - Loop Attributes

Recommended operators:
 

- Apply Model 29%
- Set Role 25%
- Select Attributes 23%

Repositories
 

- 01\_Learner
  - 01\_DecisionTree
  - 02\_LinearRegression (v1)
  - 03\_NeuralNetwork (v1)
  - 04\_NearestNeighbors (v1)
  - 05\_NaiveBayes (v1)
  - 06\_SupportVectorMachine (v1)
  - 07\_LogisticRegression (v1)
  - 08\_RuleLearning (v1)
  - 09\_Bagging (v1)
  - 10\_Boosting (v1)
  - 11\_ApplyModel (v1)
  - 12\_AssociationRules (v1)
  - 13\_AsymmetricCostLearning (v1)
  - 14\_CostSensitiveLearningAndROC

Main Process
 

- Retrieve
- DecisionTree

Insert Operator
 

- Insert Building Block
- Save as Building Block...
- Cut ⌘+X
- Copy ⌘+C
- Paste ⌘+V
- Delete
- Add note
- Show all notes
- Breakpoint Before ⌘+F7
- Breakpoint After F7
- All Breakpoints (Debug Mode)
- Operator Execution Order
- Process Layout
- Print/Export Image
- Data Editor

Process Control
 

- Utility
- Repository Access
- Import
- Export
- Data Transformation
- Modeling
- Evaluation
- Connectors

Parameter
 

- Loop
- Branch
- Collections
- Remember
- Recall
- Publish to App
- Recall from App
- Multiply
- Join Paths
- Handle Exception
- Throw Exception
- Schedule Process

Set Parameters
 

- Clone Parameters
- Optimize Parameters (Grid)
- Optimize Parameters (Quadratic)
- Optimize Parameters (Evolutionary)

Parameters
 

- Root (Process)
  - logverbosity init
  - logfile
  - encoding SYSTEM
  - Compatibility level

Help
 

- Process
  - Synopsis
 

The root operator which is the outer most operator of every process

Row No.	Age (integer) regular	Gender (binominal) regular	Payment Method (polynomial) regular	Future Customer (binominal) label
1	64	male	credit card	yes
2	35	male	cheque	yes
3	25	female	credit card	yes

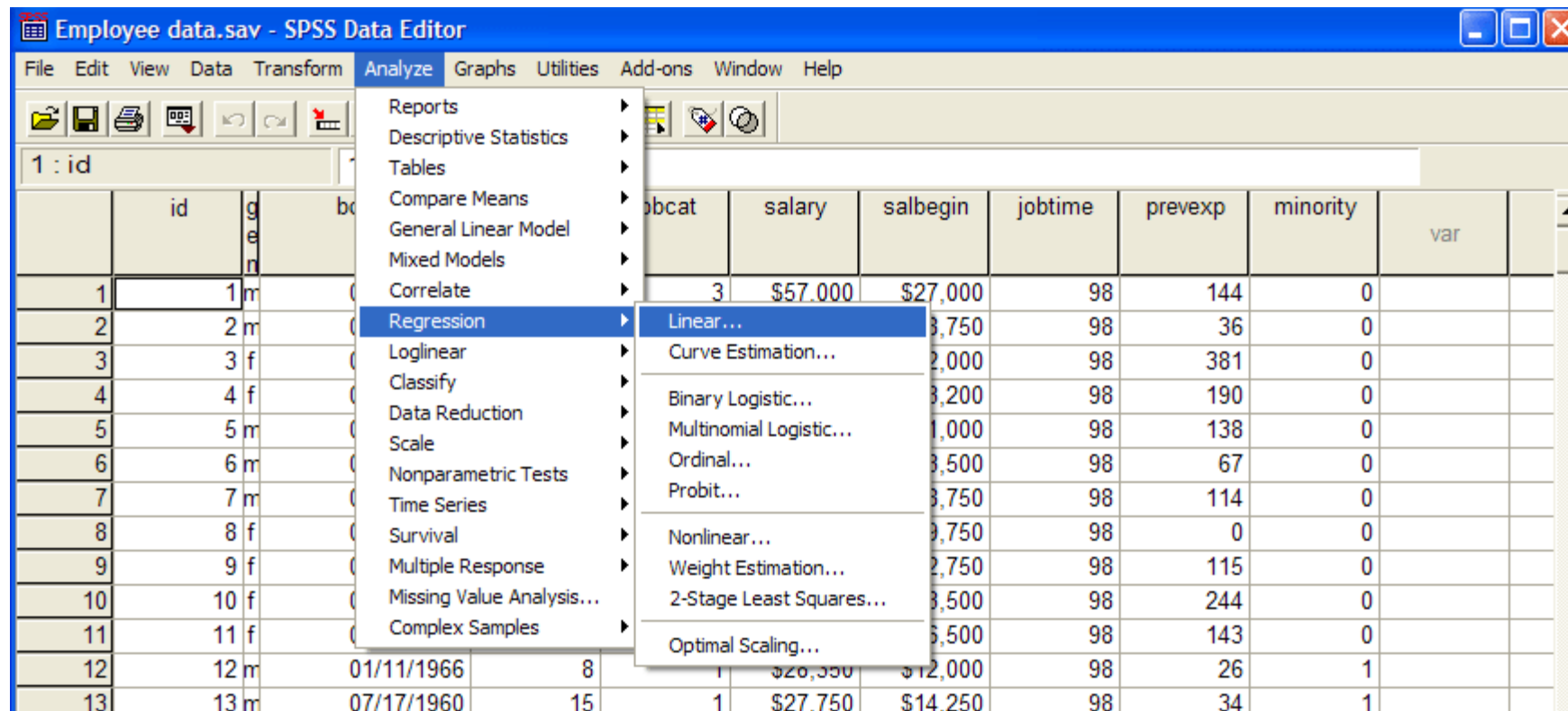
Repository Location: //Samples/data/Deals



# IBM SPSS



IBM'in veri madenciliği ve metin analiz yazılımı uygulamasıdır.



# Orange

