

## BAZA DE CUNOSTINTE

Baza de cunostinte se refera la un ospatar-robot, care asista clientii in alegerea meniurilor la un restaurant.

Scopul acestei baze de cunostinte o reprezinta gasirea valorilor pentru atributul "wine"

Regulile folosesc informatii despre sosurile din meniu si despre gusturile din meniu, pentru a afla vinul cel mai potrivit pentru un anumit meniu.

Regula-1: **daca** has-sauce = yes **si**

sauce = spicy

**atunci** best-body = full.

Regula-2: **daca** tastiness = delicate

**atunci** best-body = light cf 0,8.

Regula-3: **daca** tastiness = average

**atunci** best-body = light cf 0,3 **si**

best-body = medium cf 0,6 **si**

best-body = full cf 0,3.

Regula-4: **daca** tastiness = strong

**atunci** best-body = medium cf 0,4 **si**

best-body = full cf 0,8.

Regula-5: **daca** has-sauce = yes **si**

sauce = cream

**atunci** best-body = medium cf 0,4 **si**

best-body = full cf 0,6.

Regula-6: **daca** main-component = meat **si**

has-veal = no

**atunci** best-color = red cf 0,9.

Regula-7: **daca** main-component = poultry **si**

has-turkey = no

**atunci** best-color = white cf 0,9 **si**

best-color = red cf 0,3.

Regula-8: **daca** main-component = fish

**atunci** best-color = white.

Regula-9: **daca** main-component = meat **si**

has-sauce = yes **si**

sauce = tomato

**atunci** best-color = red.

Regula-10: **daca** main-component = poultry **si**

has-turkey = yes

**atunci** best-color = red cf 0,8 **si**

best-color = white cf 0,5.

Regula-11: **daca** main-component is unknown **si**  
has-sauce = yes **si**  
sauce = cream  
**atunci** best-color = white cf 0,4.

Regula-12: **daca** has-sauce = yes **si**  
sauce = sweet  
**atunci** best-sweetness = sweet cf 0,9 **si**  
best-sweetness = medium cf 0,4.

multivalued(feature).

Regula-13: **daca** has-sauce = yes **si**  
sauce = spicy  
**atunci** feature = spiciness.

multivalued(main-component).

multivalued(preferred-body).

multivalued(preferred-color).

multivalued(preferred-sweetness).

Regula-14: **daca** best-body = light  
**atunci** recommended-body = light.

Regula-15: **daca** best-body = medium  
**atunci** recommended-body = medium.

Regula-16: **daca** best-body = full  
**atunci** recommended-body = full.

Regula-17: **daca** best-body is unknown **si**  
preferred-body = light  
**atunci** recommended-body = light.

Regula-18: **daca** best-body is unknown **si**  
preferred-body = medium  
**atunci** recommended-body = medium.

Regula-19: **daca** best-body is unknown **si**  
preferred-body = full  
**atunci** recommended-body = full.

Regula-20: **daca** best-body is unknown **si**  
preferred-body is unknown  
**atunci** recommended-body = medium.

Regula-21: **daca** best-color = red  
**atunci** recommended-color = red.

Regula-22: **daca** best-color = white  
**atunci** recommended-color = white.

Regula-23: **daca** best-color is unknown **si**  
preferred-color = red  
**atunci** recommended-color = red.

Regula-24: **daca** best-color is unknown **si**  
preferred-color = white  
**atunci** recommended-color = white.

Regula-25: **daca** best-color is unknown **si**  
preferred-color is unknown  
**atunci** recommended-color = red cf 0,5 **si**  
recommended-color = white cf 0,5.

Regula-26: **daca** best-sweetness = dry  
**atunci** recommended-sweetness = dry.

Regula-27: **daca** best-sweetness = medium  
**atunci** recommended-sweetness = medium.

Regula-28: **daca** best-sweetness = sweet  
**atunci** recommended-sweetness = sweet.

Regula-29: **daca** best-sweetness is unknown **si**  
preferred-sweetness = dry  
**atunci** recommended-sweetness = dry.

Regula-30: **daca** best-sweetness is unknown **si**  
preferred-sweetness = medium  
**atunci** recommended-sweetness = medium.

Regula-31: **daca** best-sweetness is unknown **si**  
preferred-sweetness = sweet  
**atunci** recommended-sweetness = sweet.

Regula-32: **daca** best-sweetness is unknown **si**  
preferred-sweetness is unknown  
**atunci** recommended-sweetness = medium.

multivalued(sauce).

multivalued(tastiness).

multivalued(wine).

Regula-33: **daca** recommended-color = red **si**  
recommended-body = medium **si**  
recommended-sweetness = medium  
**atunci** wine = gamay.

Regula-34: **daca** recommended-color = red **si**  
recommended-body = medium **si**  
recommended-sweetness = sweet  
**atunci** wine = gamay.

Regula-35: **daca** recommended-color = white **si**  
recommended-body = light **si**  
recommended-sweetness = dry  
**atunci** wine = chablis.

Regula-36: **daca** recommended-color = white **si**  
recommended-body = medium **si**  
recommended-sweetness = dry  
**atunci** wine = sauvignon-blanc.

Regula-37: **daca** recommended-color = white **si**  
recommended-body = medium **si**  
recommended-sweetness = dry  
**atunci** wine = chardonnay.

Regula-38: **daca** recommended-color = white **si**  
recommended-body = full **si**  
recommended-sweetness = medium  
**atunci** wine = chardonnay.

Regula-39: **daca** recommended-color = white **si**  
recommended-body = light **si**  
recommended-sweetness = dry  
**atunci** wine = soave.

Regula-40: **daca** recommended-color = white **si**  
recommended-body = light **si**  
recommended-sweetness = medium  
**atunci** wine = soave.

Regula-41: **daca** recommended-color = white **si**  
recommended-body = light **si**  
recommended-sweetness = medium  
**atunci** wine = riesling.

Regula-42: **daca** recommended-color = white **si**  
recommended-body = medium **si**  
recommended-sweetness = sweet  
**atunci** wine = riesling.

Regula-43: **daca** recommended-color = white **si**  
recommended-body = full **si**  
feature = spiciness  
**atunci** wine = gewuerztraminer.

Regula-44: **daca** recommended-color = white **si**  
recommended-body = light **si**  
recommended-sweetness = medium  
**atunci** wine = chenin-blanc.

Regula-45: **daca** recommended-color = white **si**  
recommended-body = light **si**  
recommended-sweetness = sweet  
**atunci** wine = chenin-blanc.

Regula-46: **daca** recommended-color = red **si**  
recommended-body = light  
**atunci** wine = valpolicella.

Regula-47: **daca** recommended-color = red **si**  
recommended-sweetness = dry  
**atunci** wine = cabernet-sauvignon **si**  
wine = zinfandel.

Regula-48: **daca** recommended-color = red **si**  
recommended-sweetness = medium  
**atunci** wine = cabernet-sauvignon **si**  
wine = zinfandel.

Regula-49: **daca** recommended-color = red **si**  
recommended-body = medium **si**  
recommended-sweetness = medium  
**atunci** wine = pinot-noir.

Regula-50: **daca** recommended-color = red **si**  
recommended-body = full  
**atunci** wine = burgundy.