Contoh Perhitungan Naïve Bayes :

C1=Resiko, C2=Hati-hati, C3=Prima, C4=Prima, C5=Prima, C6=Prima, C7=Prima, C8=Hati-hati, C9=Hati-hati, C10=Prima, C11=Prima, C12=Prima, C13=Hati-hati, C14=Hati-hati, C15=Prima, maka Hasil adalah?

P(X1=Resiko|Y=Diterima)=5/8, P(X1=Resiko|Y=Ditolak)=1/2

P(X2=Hati-hati|Y=Diterima)=5/8, P(X2=Hati-hati|Y=Ditolak)=0

P(X3=Prima|Y=Diterima)=7/8, P(X3=Prima|Y=Ditolak)=1

P(X4=Prima|Y=Diterima)=5/8, P(X4=Prima|Y=Ditolak)=1

P(X5=Prima|Y=Diterima)=3/8, P(X5=Prima|Y=Ditolak)=0

P(X6=Prima|Y=Diterima)=1/2, P(X6=Prima|Y=Ditolak)=0

P(X7=Prima|Y=Diterima)=1/8, P(X7=Prima|Y=Ditolak)=0

P(X8=Hati-hati|Y=Diterima)=1, P(X8=Hati-hati|Y=Ditolak)=0

P(X9=Hati-hati|Y=Diterima)=3/8, P(X9=Hati-hati|Y=Ditolak)=1/2

P(X10=Prima|Y=Diterima)=1/4, P(X10=Prima|Y=Ditolak)=0

P(X11=Prima|Y=Diterima)=5/8, P(X11=Prima|Y=Ditolak)=1/2

P(X12=Prima|Y=Diterima)=3/4, P(X12=Prima|Y=Ditolak)=1

P(X13=Hati-hati|Y=Diterima)=7/8, P(X13=Hati-hati|Y=Ditolak)=0

P(X14=Hati-hati|Y=Diterima)=5/8, P(X14=Hati-hati|Y=Ditolak)=1

P(X15=Prima|Y=Diterima)=3/8, P(X15=Prima|Y=Ditolak)=1/2

P(X1=Resiko,X2=Hati-hati,X3=Prima,X4=Prima,X5=Prima,X6=Prima,X7=Prima,X8=Hati-hati,X9=Hati-hati,X10=Prima,X11=Prima,X12=Prima,X13=Hati-hati,X14=Hati-hati,X15=Prima | Y=Diterima)

= {P(X1=Resiko,X2=Hati-hati,X3=Prima,X4=Prima,X5=Prima,X6=Prima,X7=Prima,X8=Hati-hati,X9=Hati-hati,X10=Prima,X11=Prima,X12=Prima,X13=Hati-hati,X14=Hati-hati,X15=Prima | Y=Diterima)}.P(Y=Diterima)

={(5/8).(5/8).(7/8).(5/8).(3/8).(1/2).(1/8).(1).(3/8).(1/4).(5/8).(3/4).(7/8).(5/8).(3/8)}.(8/10)

= 3.61

P(X1=Resiko,X2=Hati-hati,X3=Prima,X4=Prima,X5=Prima,X6=Prima,X7=Prima,X8=Hati-hati,X9=Hati-hati,X10=Prima,X11=Prima,X12=Prima,X13=Hati-hati,X14=Hati-hati,X15=Prima | Y=Ditolak)

= {P(X1=Resiko,X2=Hati-hati,X3=Prima,X4=Prima,X5=Prima,X6=Prima,X7=Prima,X8=Hati-hati,X9=Hati-hati,X10=Prima,X11=Prima,X12=Prima,X13=Hati-hati,X14=Hati-hati,X15=Prima | Y=Ditolak)}.P(Y=Ditolak)

={(1/2).(0).(1).(1).(0).(0).(0).(0).(1/2).(0).(1/2).(1).(0).(1).(1/2)}.(2/10)

= 0