

Carlos Iván Vázquez Gómez

13/04/23

staffNo	branchNo	branchAddress	name	position	hoursPerWeek
S4555	B002	City Center Plaza, Seattle, WA 98122	Ellen Layman	Assistant	16
S4555	B004	16 - 14th Avenue, Seattle, WA 98128	Ellen Layman	Assistant	9
S4612	B002	City Center Plaza, Seattle, WA 98122	Dave Sinclair	Assistant	14
S4612	B004	16 - 14th Avenue, Seattle, WA 98128	Dave Sinclair	Assistant	10

1) Dependencias

DF: $B \rightarrow C$ Son equivalentes (?)
 $AC \rightarrow F = AB \rightarrow F$
 $A \rightarrow \{D, E\}$

2) Encontrar todas las CK's

$AB C D E F^+ \{ \dots \}$
 $AB C \cancel{D} E^+ \{ \dots \}$
 $A B \cancel{C}^+ \{ \dots \}$
 $A \rightarrow \{D, E\}$
 $B \rightarrow \{C\}$

" $AC \rightarrow F$ "
 " $A \rightarrow \{D, E\}$ "
 " $B \rightarrow C$ "

3) Encontrar la PK

$AP's: [A, B]$
 $CK's: [AB] = [AC]$ son equivalentes (?)

4) Normalizar 2FN

BranchNo | BranchAddress

Tabla $B \rightarrow C$

StaffNo | BranchNo | Hours Per Week

Tabla $AC \rightarrow F$

StaffNo | name | posición

$A \rightarrow \{D, E\}$

∴ No cumple con la 2FN