





Route

FD1:  $\{route\_id\} \rightarrow \{route\_price\}$     ck=route\_id  
BCNF ok

Airport

FD1:  $\{code\_id\} \rightarrow \{city, country\}$     ck=code\_id  
BCNF ok

Ari-to

FD1:  $\{code\_id\} \rightarrow \{route\_id\}$     ck=code\_id  
BCNF ok

Dep-from

FD1:  $\{code\_id\} \rightarrow \{route\_id\}$     ck=code\_id, BCNF ok

Flies

FD1:  $\{r.route\_id\} \rightarrow \{ws.id\}$     ck=r.route\_id, BCNF ok

Weekly\_schedule

FD1:  $\{id\} \rightarrow \{time\_of\_dep\}$     ck=id, BCNF ok

Year-has

FD1:  $\{ws.id\} \rightarrow \{Y.year\}$     ck=ws.id, BCNF ok

Day-has

FD1:  $\{ws.id\} \rightarrow \{d.day\}$     ck=ws.id, BCNF ok

Year

FD1:  $\{Year\} \rightarrow \{profit\_factor\}$     ck=Year, BCNF ok

Day

FD1:  $\{Day\} \rightarrow \{weekday\_factor\}$     ck=Day, BCNF ok

Y.d\_hasFD1:  $\{ \text{Day} \} \rightarrow \{ \text{Year} \}$ , ck=Day, BCNF okSchedulesFD1:  $\{ \text{F.Flight\_nr} \} \rightarrow \{ \text{WS.id} \}$ , ck=F.Flight\_nr, BCNF okFlightFD1:  $\{ \text{Flight\_nr} \} \rightarrow \{ \text{Boarded\_passengers, week} \}$ , ck=Flight\_nr, BCNF okReservedFD1:  $\{ \text{R.Reservation\_nr} \} \rightarrow \{ \text{F.Flight\_Nr} \}$ , ck=R.Reservation\_nr, BCNF okReservationsFD1:  $\{ \text{Reservation\_nr} \} \rightarrow \{ \}$ , ck=Reservation\_nr, BCNF okP.R\_hasFD1:  $\{ \text{Passport\_Nr, reservation\_nr} \} \rightarrow \{ \}$ , ck=Passport\_nr, reservation\_nr, BCNF okPassengerFD1:  $\{ \text{Passport\_Nr, PN} \} \rightarrow \{ \}$ , ck=Passport\_nr, PN, BCNF okPersonFD1:  $\{ \text{PN} \} \rightarrow \{ \text{Full\_name} \}$ , ck=PN, BCNF okCredit\_card\_holderFD1:  $\{ \text{card\_nr, PN} \} \rightarrow \{ \}$ , ck=card\_nr, PN, BCNF okContact\_PersonFD1:  $\{ \text{Passport\_nr} \} \rightarrow \{ \text{Phone\_nr, Email} \}$ , ck=Passport\_nr, BCNF ok

Pays

FD1:  $\{Booking\_id\} \rightarrow \{res\_nr, card\_nr\}$   
 $ck = Booking\_id$ , BCNF ok

C.B\_has

FD1:  $\{Booking\_id\} \rightarrow \{Passport\_nr\}$ ,  $ck = Booking\_id$ , BCNF ok

Booking

FD1:  $\{Booking\_id\} \rightarrow \{Price\}$ ,  $ck = Booking\_id$ , BCNF ok

P.B\_has

FD1:  $\{Ticket\_nr\} \rightarrow \{Passport\_nr, Booking\_id\}$   $ck = ticket\_nr$   
BCNF ok