Datas from the Task:

Included in the data set called Booking (Carsharing Call a bike)

Trip length = Distance

Date from = start time // Anfangszeitpunkt der Buchung

Date Until = end time // Ende der Buchung

Start location = Start rental Zone

End location = End Rental Zone

City Rental Zone = Stadt // Selektionskriterium

Relationales Datenmodell:

Hackathon Availbality

Infos zur Verfügbarkeit pro Tag und pro Fahrzeug

|  |  |  |
| --- | --- | --- |
| Day\_ID | PK |  |
| Vehicle\_Hal\_ID | PK |  |
| Vehicle\_Hal\_Src | PK |  |

Hackathon Vehicle

Beinhaltet Informationen zu Fahrzeugen

1:N

1:1

|  |  |  |
| --- | --- | --- |
| Vehicle\_HAL\_ID | PK |  |
| Vehicle\_Hal\_SRC | PK |  |
|  |  |  |

1:N

1:1

1:N

1:1

1:N

Hackathon\_Efficiency

1:1

Informationen zur Buchungsdauer (Ein Fahrzeug kann in n Buchungen vorkommen, Pro Buchung kommt aber nur ein Fahrzeug vor)

|  |  |  |
| --- | --- | --- |
| DAY\_ID | PK |  |
| Booking Hal\_ID | PK |  |
| Vehicle HAL ID | FK |  |

Hackathon\_Booking\_Carsharing

1:N

Beinhaltet Informationen zu einzelnen Buchungen

1:N

1:1

|  |  |  |
| --- | --- | --- |
| Booking\_Hal\_ID | PK |  |
|  |  |  |
| Vehicle\_Hal\_ID | FK |  |
|  |  |  |

1:1

1:N

Hackathon\_Rental\_Zone

Informationen zu Stationen

1:1

|  |  |  |
| --- | --- | --- |
| Rental\_Zone\_Hal\_ID | PK |  |
| Rental\_Zone\_Hal\_SRC | PK |  |
|  |  |  |