

```
1) create 'q4', 'DRIVER', 'TRIP', 'TRUCK', 'TIME'

2) put 'q4', 'driver:001', 'DRIVER:licence-number', '001'
   put 'q4', 'driver:001', 'DRIVER:full-name', 'James-Bond'
   put 'q4', 'driver:002', 'DRIVER:licence-number', '002'
   put 'q4', 'driver:002', 'DRIVER:full-name', 'Shamen Lee'

   put 'q4', 'truck:123', 'TRUCK:registration', '123'
   put 'q4', 'truck:123', 'TRUCK:manufacturer', 'Toyota'
   put 'q4', 'truck:456', 'TRUCK:registration', '456'
   put 'q4', 'truck:456', 'TRUCK:manufacturer', 'Honda'

   put 'q4', 'trip:123', 'TRIP:fuel-consumed', '1000'
   put 'q4', 'trip:123', 'TRIP:load-weight', '10000'
   put 'q4', 'trip:123', 'TRUCK:registration', '123'

   put 'q4', 'trip:123', 'DRIVER:licence-number', '001'
   put 'q4', 'trip:123', 'TIME:day-number', '2'
   put 'q4', 'trip:123', 'TIME:month-number', '4'
   put 'q4', 'trip:123', 'TIME:year-number', '2020'
```

```
2) put 'q4', trip: 456, 'TRIP: fuel-consumed', '2000'  
    put 'q4', trip: 456, 'TRIP: load-weight', '20000'  
    put 'q4', trip: 456, 'TRUCK: registration', '456'  
    put 'q4', trip: 456, 'DRIVER: licence-number', '002'  
    put 'q4', trip: 456, 'TIME: day-number', '3'  
    put 'q4', trip: 456, 'TIME: month-number', '5'  
    put 'q4', trip: 456, 'TIME: year-number', '2020'
```

```
3) scan 'q4', truck: ALO8UK, {COLUMNS=>['TRUCK', 'DRIVER', 'TRIP']}
```

```
scan 'q4', {COLUMNS=>['TRUCK', 'TRIP', 'DRIVER'], FILTER=>"SingleColumnValueFilter(  
    'TRIP', 'load-weight', >, 'binary:100')"} }
```

```
put 'q4', truck: 123, 'TRUCK: depot-address', '1 Changi Road'
```

```
put 'q4', truck: 456, 'TRUCK: depot-address', '2 Bedok Road'
```