risks_per_mile

```
CREATE TABLE risks_per_mile AS
SELECT driverid, events as risky_events, totmiles as total_miles, 1000000*events/totmiles as
risks_per_million_miles
FROM riskfactor;
```

driver_risk

```
CREATE TABLE driver_risk AS
SELECT driverid, risks_per_million_miles, 1+(9*((risks_per_million_miles)-(min(risks_per_million_miles)
over()))/((max(risks_per_million_miles) over())-(min(risks_per_million_miles) over()))) as scaled_risk
FROM risks_per_mile;
```

truck_mpg

```
CREATE TABLE truck_mpg AS
SELECT truckid, sum(miles) as total_miles, sum(gas) as total_gas, sum(miles)/sum(gas) as overall_mpg
FROM truck_mileage
GROUP BY truckid;
```

fulldata

```
CREATE TABLE fulldata AS
SELECT geolocation.truckid, geolocation.driverid, model, event, latitude, longitude, city, state, velocity,
event_ind, idling_ind, totmiles as total_miles, avgmpg as avg_mpg, overall_mpg, scaled_risk
FROM geolocation
JOIN trucks ON geolocation.truckid = trucks.truckid AND geolocation.driverid = trucks.driverid
JOIN driver_mileage ON geolocation.driverid = driver_mileage.driverid
JOIN average_mpg ON geolocation.truckid = average_mpg.truckid
JOIN truck_mpg ON geolocation.truckid = truck_mpg.truckid
JOIN driver_risk ON geolocation.driverid = driver_risk.driverid;
```