SQL Code:

Leaderboard

```
Create view leaderboard as
 SELECT yearly_co2_food.person_id,
    yearly_co2_food.total_co2 AS "Co2_for_food",
    yearly_co2_vehicle.sum AS "Co2_for_car"
   FROM yearly_co2_food
     JOIN yearly_co2_vehicle USING (person_id);
```

Plate

```
Create view plate as
SELECT meals.meal_id,
    food."Name",
    meals.amount,
    round(food."Agriculture" / 1000::numeric * meals.amount, 4) AS "Agriculture",
    round(food."iLUC" / 1000::numeric * meals.amount, 4) AS "iLUC",
    round(food."Food Processing" / 1000::numeric * meals.amount, 4) AS
"FoodProcessing",
    round(food."Packaging" / 1000::numeric * meals.amount, 4) AS "Packaging",
    round(food."Transport" / 1000::numeric * meals.amount, 4) AS "Transport",
    round(food."Retail" / 1000::numeric * meals.amount, 4) AS "Retail",
    round(food."Total kg CO2-eq/kg" * (meals.amount / 1000::numeric), 3) AS
co2_per_food
   FROM meals meals
     JOIN food food USING (food_id);
```

Quiz Percentages

```
Create view quiz_percentages as
 SELECT round(count(
        CASE
            WHEN quiz.voted_for = 1 THEN 1
            ELSE NULL::integer
        END)::numeric / count(*)::numeric * 100::numeric, 0) AS percentageof1,
    round(count(
        CASE
            WHEN quiz.voted_for = 2 THEN 1
            ELSE NULL::integer
        END)::numeric / count(*)::numeric * 100::numeric, 0) AS percentageof2
   FROM quiz;
```

Vegetarians in numbers

```
Create view vegetarians_in_numbers
 SELECT "Vegetarians"."Year",
    "Vegetarians".the_danish_population AS danish_population,
    "Vegetarians".percentage_vegetarians,
    round("Vegetarians".the_danish_population::numeric *
"Vegetarians".percentage_vegetarians / 100::numeric) AS amount_of_vegetarians
   FROM "Vegetarians";
```

Vehicle CO2 Emissions

```
Create view vehicle_co2_emissions
SELECT vehiclesco2_in_stages.vehicletype_id,
    vehiclesco2_in_stages.stage_id,
    vehiclesco2_in_stages."co2/t_pr_year" AS co2_t_pr_year,
    vehiclelifetimestagenames.stage_name,
    vehicletypes.vehiclename
   FROM vehiclesco2_in_stages
     JOIN vehiclelifetimestagenames USING (stage_id)
     JOIN vehicletypes USING (vehicletype_id);
```

Yearly CO2 Food

```
Create view yearly_co2_food
 SELECT round(sum(plate.co2_per_food) * 365::numeric) AS total_co2,
        CASE
            WHEN plate.meal_id = ANY (ARRAY[1, 4, 6]) THEN 2
            WHEN plate.meal_id = ANY (ARRAY[2, 3, 5]) THEN 1
            ELSE NULL::integer
        END AS person_id
   FROM plate
  GROUP BY (
        CASE
            WHEN plate.meal_id = ANY (ARRAY[1, 4, 6]) THEN 2
            WHEN plate.meal_id = ANY (ARRAY[2, 3, 5]) THEN 1
            ELSE NULL::integer
        END);
```

Yearly CO2 Vehicle

```
Create view yearly_co2_vehicle
 SELECT round(sum(vehicle_co2_emissions.co2_t_pr_year) * 1000::numeric) AS
sum,
    vehicle_co2_emissions.vehicletype_id AS person_id
   FROM vehicle_co2_emissions
  GROUP BY vehicle_co2_emissions.vehicletype_id;
```

ERD For Database: