[1, 16:11:13] Apply changes to cs306_last_step3: Applying object changes ...

[1, 16:11:15] Applying changes to cs306_last_step3...:

[1, 16:11:15] : Changes applied to cs306_last_step3

[1, 16:11:16] Apply changes to cs306_last_step3: Changes applied

[2, 16:14:28] CREATE VIEW high_affordability_countries AS

SELECT c.country_name, a.gdp_affordability, a.data_year

FROM affordability a

JOIN countries c ON a.iso_code = c.iso_code

WHERE a.gdp_affordability >= 20

GROUP BY c.country_name, a.gdp_affordability, a.data_year

ORDER BY a.gdp_affordability DESC: Running...

[2, 16:14:28] CREATE VIEW high_affordability_countries AS

SELECT c.country_name, a.gdp_affordability, a.data_year

FROM affordability a

JOIN countries c ON a.iso_code = c.iso_code

WHERE a.gdp_affordability >= 20

GROUP BY c.country_name, a.gdp_affordability, a.data_year

ORDER BY a.gdp_affordability DESC: 0 row(s) affected

[3, 16:14:54] CREATE VIEW low_affordability_countries AS

SELECT c.country_name, a.gdp_affordability, a.data_year

FROM affordability a

JOIN countries c ON a.iso_code = c.iso_code

WHERE a.gdp_affordability < 1

GROUP BY c.country_name, a.gdp_affordability, a.data_year

ORDER BY a.gdp_affordability DESC: Running...

[3, 16:14:54] CREATE VIEW low_affordability_countries AS

SELECT c.country_name, a.gdp_affordability, a.data_year

FROM affordability a

JOIN countries c ON a.iso_code = c.iso_code

WHERE a.gdp_affordability < 1

GROUP BY c.country_name, a.gdp_affordability, a.data_year

ORDER BY a.gdp_affordability DESC: 0 row(s) affected

[4, 16:15:11] CREATE VIEW most_lung_cancer_deaths AS

SELECT iso_code, data_year, (death_rate_male_100k + death_rate_female_100k) AS total_death_rate_100k

FROM deaths_lung_cancer

GROUP BY iso_code, data_year

ORDER BY total_death_rate_100k DESC: Running...

[4, 16:15:11] CREATE VIEW most_lung_cancer_deaths AS

SELECT iso_code, data_year, (death_rate_male_100k + death_rate_female_100k) AS total_death_rate_100k

FROM deaths_lung_cancer

GROUP BY iso_code, data_year

ORDER BY total_death_rate_100k DESC: 0 row(s) affected

[5, 16:15:25] CREATE VIEW avg_lung_cancer_deaths AS

SELECT iso_code, AVG(total_death_rate_100k) AS avg_death

FROM most_lung_cancer_deaths

GROUP BY iso_code

ORDER BY avg_death DESC: Running...

[5, 16:15:25] CREATE VIEW avg_lung_cancer_deaths AS

SELECT iso_code, AVG(total_death_rate_100k) AS avg_death

FROM most_lung_cancer_deaths

GROUP BY iso_code

ORDER BY avg_death DESC: 0 row(s) affected

[6, 16:15:39] CREATE VIEW high_consumption_country_year_view AS

SELECT iso_code, AVG(consumption_per_smoker_daily) AS avg_con

FROM cig_consumption_per_smoker_daily

GROUP BY iso_code

HAVING AVG(consumption_per_smoker_daily) > (SELECT AVG(consumption_per_smoker_daily) FROM cig_consumption_per_smoker_daily): Running...

[6, 16:15:39] CREATE VIEW high_consumption_country_year_view AS

SELECT iso_code, AVG(consumption_per_smoker_daily) AS avg_con

FROM cig_consumption_per_smoker_daily

GROUP BY iso_code

HAVING AVG(consumption_per_smoker_daily) > (SELECT AVG(consumption_per_smoker_daily) FROM cig_consumption_per_smoker_daily): 0 row(s) affected

[7, 16:15:59] CREATE VIEW min_cig_sales_country_year_view AS

SELECT iso_code,MIN(sales_daily) AS min_sales

FROM cig_sales_daily

GROUP BY iso_code

HAVING MIN(sales_daily) = (SELECT MIN(sales_daily) FROM cig_sales_daily): Running...

[7, 16:15:59] CREATE VIEW min_cig_sales_country_year_view AS

SELECT iso_code,MIN(sales_daily) AS min_sales

FROM cig_sales_daily

GROUP BY iso_code

HAVING MIN(sales_daily) = (SELECT MIN(sales_daily) FROM cig_sales_daily): 0 row(s) affected

[8, 16:16:12] CREATE VIEW max_cig_sales_country_year_view AS

SELECT iso_code,MAX(sales_daily) AS max_sales

FROM cig_sales_daily

GROUP BY iso_code

HAVING MAX(sales_daily) = (SELECT MAX(sales_daily) FROM cig_sales_daily): Running...

[8, 16:16:12] CREATE VIEW max_cig_sales_country_year_view AS

SELECT iso_code,MAX(sales_daily) AS max_sales

FROM cig_sales_daily

GROUP BY iso_code

HAVING MAX(sales_daily) = (SELECT MAX(sales_daily) FROM cig_sales_daily): 0 row(s) affected

[9, 16:16:52] CREATE VIEW avg_tobacco_usage_SUMCOUNT AS

SELECT iso_code, SUM(tobacco_deaths)/count(tobacco_deaths) as avg_tobacco_deaths

from deaths_tobacco_usage

group by iso_code: Running...

[9, 16:16:52] CREATE VIEW avg_tobacco_usage_SUMCOUNT AS

SELECT iso_code, SUM(tobacco_deaths)/count(tobacco_deaths) as avg_tobacco_deaths

from deaths_tobacco_usage

group by iso_code: 0 row(s) affected

[10, 16:17:20] CREATE VIEW high_avg_lung_cancer_deaths AS

SELECT iso_code, AVG(avg_death) as avg_death

FROM avg_lung_cancer_deaths

GROUP BY iso_code

HAVING AVG(avg_death) > (SELECT AVG(avg_death) FROM avg_lung_cancer_deaths)

ORDER BY avg_death DESC: Running...

[10, 16:17:20] CREATE VIEW high_avg_lung_cancer_deaths AS

SELECT iso_code, AVG(avg_death) as avg_death

FROM avg_lung_cancer_deaths

GROUP BY iso_code

HAVING AVG(avg_death) > (SELECT AVG(avg_death) FROM avg_lung_cancer_deaths)

ORDER BY avg_death DESC: 0 row(s) affected

[11, 16:19:05] CREATE VIEW cc_filtered_except AS

SELECT cc.iso_code, cc.data_year, cc.consumption_per_smoker_daily

FROM cig_consumption_per_smoker_daily cc

WHERE cc.iso_code NOT IN (

  SELECT c.iso_code

  FROM countries c

  WHERE c.population < 50000000

): Running...

[11, 16:19:05] CREATE VIEW cc_filtered_except AS

SELECT cc.iso_code, cc.data_year, cc.consumption_per_smoker_daily

FROM cig_consumption_per_smoker_daily cc

WHERE cc.iso_code NOT IN (

  SELECT c.iso_code

  FROM countries c

  WHERE c.population < 50000000

): 0 row(s) affected

[12, 16:19:34] CREATE VIEW cc_outer_join AS

SELECT cc.iso_code, cc.data_year, cc.consumption_per_smoker_daily

FROM cig_consumption_per_smoker_daily cc

LEFT OUTER JOIN (

  SELECT iso_code

  FROM countries

  WHERE population < 50000000

) c ON cc.iso_code = c.iso_code

WHERE c.iso_code IS NULL: Running...

[12, 16:19:34] CREATE VIEW cc_outer_join AS

SELECT cc.iso_code, cc.data_year, cc.consumption_per_smoker_daily

FROM cig_consumption_per_smoker_daily cc

LEFT OUTER JOIN (

  SELECT iso_code

  FROM countries

  WHERE population < 50000000

) c ON cc.iso_code = c.iso_code

WHERE c.iso_code IS NULL: 0 row(s) affected

[13, 16:20:41] select count(distinct iso_code) from cc_outer_join

LIMIT 0, 1000

: Running...

[13, 16:20:42] select count(distinct iso_code) from cc_outer_join

LIMIT 0, 1000

: Fetching...

[13, 16:20:42] select count(distinct iso_code) from cc_outer_join

LIMIT 0, 1000

: 1 row(s) returned

[14, 16:20:55] select count(distinct iso_code) from cc_filtered_except

LIMIT 0, 1000

: Running...

[14, 16:20:55] select count(distinct iso_code) from cc_filtered_except

LIMIT 0, 1000

: Fetching...

[14, 16:20:55] select count(distinct iso_code) from cc_filtered_except

LIMIT 0, 1000

: 1 row(s) returned

[15, 16:21:51] SELECT count(*)

FROM countries

WHERE iso_code IN (SELECT iso_code FROM high_avg_lung_cancer_deaths)

LIMIT 0, 1000

: Running...

[15, 16:21:51] SELECT count(*)

FROM countries

WHERE iso_code IN (SELECT iso_code FROM high_avg_lung_cancer_deaths)

LIMIT 0, 1000

: Fetching...

[15, 16:21:51] SELECT count(*)

FROM countries

WHERE iso_code IN (SELECT iso_code FROM high_avg_lung_cancer_deaths)

LIMIT 0, 1000

: 1 row(s) returned

[16, 16:22:49] SELECT count(country_name)

```
FROM countries c

WHERE EXISTS (

  SELECT *

  FROM high_avg_lung_cancer_deaths l

  WHERE l.iso_code = c.iso_code

)

LIMIT 0, 1000
```

: Running...

[16, 16:22:49] SELECT count(country_name)

```
FROM countries c

WHERE EXISTS (

  SELECT *

  FROM high_avg_lung_cancer_deaths l

  WHERE l.iso_code = c.iso_code

)

LIMIT 0, 1000
```

: Fetching...

[16, 16:22:49] SELECT count(country_name)

```
FROM countries c

WHERE EXISTS (

  SELECT *

  FROM high_avg_lung_cancer_deaths l

  WHERE l.iso_code = c.iso_code

)

LIMIT 0, 1000
```

: 1 row(s) returned

[17, 16:25:25] ALTER TABLE cig_sales_daily

ADD CONSTRAINT check_sales_daily

CHECK (sales_daily >= 0.1 AND sales_daily <= 12): Running...

[17, 16:25:25] ALTER TABLE cig_sales_daily

ADD CONSTRAINT check_sales_daily

CHECK (sales_daily >= 0.1 AND sales_daily <= 12): 2625 row(s) affected

Records: 2625 Duplicates: 0 Warnings: 0

[18, 16:25:54] Insert into cig_sales_daily(iso_code,data_year,sales_daily) values("AUS", 3000, 13): Running...

[18, 16:25:54] Insert into cig_sales_daily(iso_code,data_year,sales_daily) values("AUS", 3000, 13): Error Code: 3819. Check constraint 'check_sales_daily' is violated.

[19, 16:26:35] CREATE TRIGGER cigs_sales_trigger BEFORE INSERT ON cig_sales_daily

FOR EACH ROW

BEGIN

  IF NEW.sales_daily <= 1 THEN

    SET NEW.sales_daily = 1;

  END IF;

  IF NEW.sales_daily >= 12 THEN

    SET NEW.sales_daily = 12;

  END IF;

END: Running...

[19, 16:26:35] CREATE TRIGGER cigs_sales_trigger BEFORE INSERT ON cig_sales_daily

FOR EACH ROW

BEGIN

  IF NEW.sales_daily <= 1 THEN

    SET NEW.sales_daily = 1;

  END IF;

  IF NEW.sales_daily >= 12 THEN

    SET NEW.sales_daily = 12;

  END IF;

END: 0 row(s) affected

[20, 16:26:55] Insert into cig_sales_daily(iso_code,data_year,sales_daily) values("AUS", 3000, 13): Running...

[20, 16:26:55] Insert into cig_sales_daily(iso_code,data_year,sales_daily) values("AUS", 3000, 13): 1 row(s) affected

[21, 16:26:59] SELECT * FROM cs306_last_step3.cig_sales_daily

LIMIT 0, 1000

: Running...

[21, 16:26:59] SELECT * FROM cs306_last_step3.cig_sales_daily

LIMIT 0, 1000

: Fetching...

[21, 16:26:59] SELECT * FROM cs306_last_step3.cig_sales_daily

LIMIT 0, 1000

: 1000 row(s) returned

[22, 16:27:34] delete from cig_sales_daily where iso_code="AUS" and data_year=3000: Running...

[22, 16:27:34] delete from cig_sales_daily where iso_code="AUS" and data_year=3000: 1 row(s) affected

[23, 16:28:30] CREATE PROCEDURE get_affordability(

  IN p_iso_code VARCHAR(3)

)

BEGIN

  SELECT gdp_affordability

  FROM affordability

  WHERE iso_code = p_iso_code;

END: Running...

[23, 16:28:30] CREATE PROCEDURE get_affordability(

  IN p_iso_code VARCHAR(3)

)

BEGIN

  SELECT gdp_affordability

```
  FROM affordability
   WHERE iso_code = p_iso_code;
END: 0 row(s) affected
```

[25, 16:29:58] CALL get_affordability('USA'): Running...

[25, 16:29:58] CALL get_affordability('USA'): Fetching...

[25, 16:29:58] CALL get_affordability('USA'): 6 row(s) returned

[26, 16:30:10] CALL get_affordability('AUS'): Running...

[26, 16:30:10] CALL get_affordability('AUS'): Fetching...

[26, 16:30:10] CALL get_affordability('AUS'): 6 row(s) returned