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#recovery_programs
USE natural_disasters;
DROP VIEW IF EXISTS recovery_programs;
CREATE VIEW recovery_programs AS
    SELECT name, organization, level
    FROM recovery_event
        JOIN event USING (event_id)
        JOIN recovery_org USING (recovery_org_id)
        JOIN recovery_level USING (recovery_level_id)
    WHERE level != 'International';

#number_in_database
USE natural_disasters;
DROP VIEW IF EXISTS number_in_database;
CREATE VIEW number_in_database AS
    SELECT type.name, count(type_id) AS number_in_database
    FROM event
        JOIN type USING (type_id)
    GROUP BY type.name;

#avg_cost
USE natural_disasters;
DROP VIEW IF EXISTS avg_cost;
CREATE VIEW avg_cost AS
    SELECT type.name, CONCAT('$', FORMAT(AVG(damage_cost),2)) AS avg_cost
    FROM event
        JOIN type USING (type_id)
    GROUP BY type.name
    HAVING AVG(damage_cost) > 100000000000;

#southeast_events
USE natural_disasters;
DROP VIEW IF EXISTS southeast_events;
CREATE VIEW southeast_events AS
    SELECT name, region
    FROM location_event
        JOIN event USING (event_id)
        JOIN region USING (region_id)
    WHERE region = "Southeast";

#deadly_events
USE natural_disasters;
DROP VIEW IF EXISTS deadly_events;
CREATE VIEW deadly_events AS
    SELECT name, deaths
    FROM event
    WHERE deaths > (SELECT AVG(deaths) FROM event);

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