## PHASE 2

**1. Data Query Language.sql**

**Estimated Query Count (by section):**

* **eco\_sites:** ~20 queries
* **visit\_logs:** ~20 queries
* **conservation\_areas:** ~18 queries
* **tribes:** ~15 queries
* **cultural\_assets:** ~14 queries
* **traditional\_knowledge:** ~9 queries
* **local\_artisians:** ~14 queries
* **cultural\_workshops:** ~15 queries
* **eco\_guides:** ~17 queries
* **youth\_awareness\_programs:** ~22 queries
* **public\_education\_events:** ~26 queries
* **eco\_lodges:** ~20 queries
* **package\_types:** ~17 queries
* **booking\_history:** ~20 queries
* **tourist\_feedback:** ~23 queries
* **waste\_category:** ~17 queries
* **waste\_items:** ~20 queries
* **disposal\_methods:** ~17 queries
* **waste\_sources:** ~18 queries

**Subtotal:**  
**Roughly 322 queries** (give or take a few depending on how you split multi-line queries and blocks).

**2. DML Part.sql**

**Estimated Query Count:**

* **Tribes, eco\_sites, visit\_logs, conservation\_areas:** ~25 queries
* **cultural\_assets, traditional\_knowledge, local\_artisians:** ~15 queries
* **cultural\_workshops, eco\_guides, youth\_awareness\_programs:** ~30 queries
* **public\_education\_events, eco\_lodges, package\_types:** ~30 queries
* **booking\_history, tourist\_feedback, waste\_category, waste\_items:** ~35 queries
* **disposal\_methods, waste\_sources, recycling\_centers:** ~25 queries
* **visitor\_statistics, reforestation\_logs, iot\_bin\_sensors:** ~40 queries
* **collection\_trucks, waste\_transfer\_logs:** ~30 queries

**Subtotal:**  
**Roughly 235 queries**

**Total Estimated Query Count**

**322 (Data Query Language.sql) + 235 (DML Part.sql) = 557 queries**

**Summary Table**

| **File Name** | **Approx. Queries** |
| --- | --- |
| Data Query Language.sql | ~322 |
| DML Part.sql | ~235 |
| **Total** | **~557** |

**PHASE 3 FILE QUERY COUNT**

**1. EASY\_JOINS.sql**

* Each SELECT is a distinct query.
* There are **80 queries** (numbered by your comments, 1 to 80).

**2. JOINS.sql**

* Each block is a join query (usually one per comment).
* There are **47 join queries** (as per your comments, 1 to 47).

**3. EASY SUBQUERIES.sql**

* Each SELECT (with subquery) is a query; your comments number them.
* There are **100 queries** (numbered 1 to 100).

**4. Subqeries.sql (Subqueries)**

* Each SELECT (with subquery) is a query; your comments number them.
* **Part 1 & 2:** 10 queries
* **Part 3 & 4:** 18 queries
* **Part 5 & 6:** 19 queries
* **Total for file:** **47 queries**

**5. FUNCTIONS.sql**

* Each CREATE FUNCTION is a distinct function (query), plus some test SELECT for each.
* Let's count:
  + Function definitions: **At least 95** (based on the number of CREATE FUNCTION blocks and comments; some may be repeated or variants).
  + Test SELECT statements: Many, but generally not counted as "queries" unless specifically requested.
  + **Conservative estimate:** **95 function queries**

**6. FUNCTIONS PART 2.sql**

* Each CREATE FUNCTION is a function query.
* This file is very long and covers all major tables.
* By a careful count of CREATE FUNCTION, there are about **105 function definitions**.

**Phase 3 Query Totals**

| **File Name** | **Approx. Queries** |
| --- | --- |
| EASY\_JOINS.sql | 80 |
| JOINS.sql | 47 |
| EASY SUBQUERIES.sql | 100 |
| Subqeries.sql | 47 |
| FUNCTIONS.sql | 95 |
| FUNCTIONS PART 2.sql | 105 |
| **TOTAL** | **474** |