Google Sheets QUERY Beginner Guide

Notes for SHS | Topic 70 | All records are fictional | 22 November 2026

QUERY syntax

QUERY(data, query, headers). In Analysis_Data, A is SessionID, E is StudyLevel, G is MinutesSpent, J is Subject.

Subject summary

```
=QUERY(Analysis_Data!A1:O241,"select J,count(A) where J is not null group by J order by count(A) desc label J 'Subject',count(A) 'Sessions'",1)
```

Expected result

Physics 37; Chemistry 36; Biology 33; Mathematics 33; Economics 31; Computer Science 28; Astronomy 22; Geography 20. Total 240.

Study-level minutes

```
=QUERY(Analysis_Data!A1:O241,"select E,sum(G) where E is not null group by E label E 'Study level',sum(G) 'Minutes'",1)
```

Expected level result

First-year 5260; Secondary 2630; Upper-secondary 5725. Total 13615.

QUERY cautions

The third argument is the header row count. Mixed-type columns may have minority values treated as null; date literals and locale differ from SQLite SQL. These expressions are reviewed against documented syntax and independently aggregated data; execute them in the native Google Sheet before claiming full runtime verification.