Power BI Component

ⓐ Report   ⓑ Table/Data   ⓒ Model   ⓓ DAX Query

ⓔ Power Query Editor   ⓕ Visuals

① Load/Connect data

local file → data is imported
(excel, csv)

★ cloud data ── import (Capturing data image) - Fast
               └─ direct Query (. live data) — slow
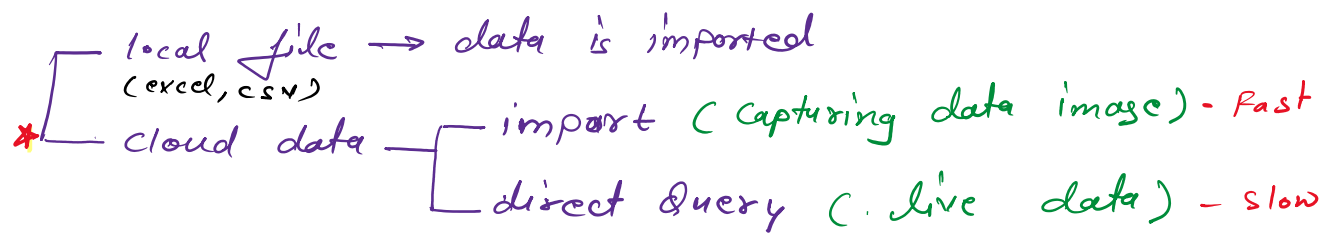
Power Query Editor → Transform Data ── transform
       └→ table   └─ Data Source setting
                                        (change data source)

```
┌──────────────────────────┐
│   Ribbon (Features)      │
├──────────────────────────┤
│        │          │      │
│        │  Canvas  │      │
│        │          │      │
└──────────────────────────┘
```

→ table name → Rename
  (Query name)

→ steps recording
    └→ Rename
       delete

All tables (Queries)
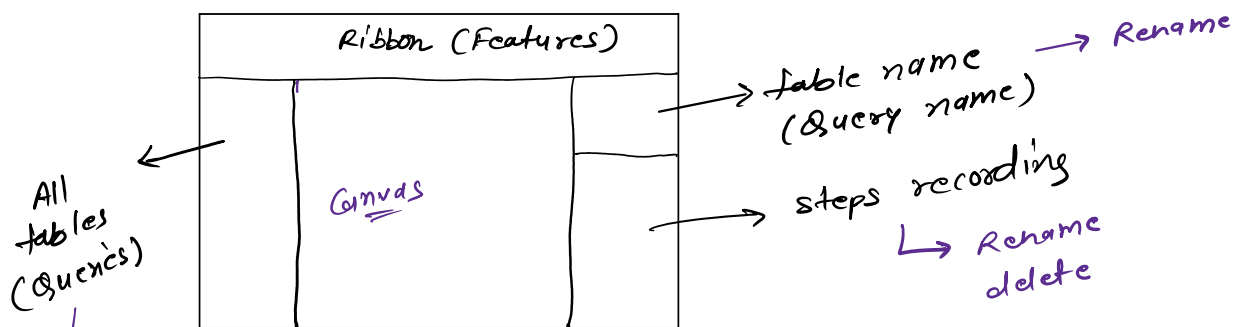
├ delete/copy
├ rename
├ Enable/Disable : whether to load or not to power bi desktop
★ ├ Duplicate : if you delete anything from duplicate table → Original will
│   not get affected (No change)
└ Reference ─┐
             └→ Original will also change

⟹ (Power Query Editor uses M-language)

↪ use first row as header, when it is first row of query.

→ Right click on Columns ┬── Rename / Delete / Datatype
                         ├── Replace / fill
                         └── Remove errors / duplicates
                                    ⋮

→ Add Column   ┬── Age col
   (Tab)   ├── Conditional col
                └── Custom col
                         ⋮

┌───┐
│ ETL → Extract Transform   Load   │
│   ▽   │
└───┘

   Power Query Editor → extract → transform → load to desktop

① Home   ② Transform   ③ Add Column ✓
(Table)   (Existing Col)   (New Col)

   View Tab → will help us to identify issues with columns.
        1) Column Quality   2) Column Profile

→ After checking Col ┬── Replace
                     ├── fill
                     ├── Remove duplicates (select whole data)
                     └── Remove errors.