Legend:

● Create branch — ○ Fast-forward merge branch (no conflict) — ◌ 3-way merge branch (need solve conflict)

id	image	caption
...	...	...
1000	...	...

id	image	caption	labels
..	...	...	...
10	...	...	...
...	...	...	...
1001	...	...	...
...	...	...	...
1100	...	...	...

id	image	labels
...	...	...
10		...
...	...	...
1001	...	...
...	...	...
1100	...	...

LLM

Main Branch — t_0 — t_1 — t_2 — t_3

Branch 1

Data Query
• Hybrid search (text + keyword)
• Materialize query views

Data Annotation
• Add rows 1001-1100
• Update image[10]
• Add columns "labels" for all rows

Commit changes

Branch 2

Data Query
• Hybrid search (vector + text)

Data Annotation
• Update image[10]
• Delete column "caption"

Data Exploration

Commit changes