Subquery –

Storage - Memory

Lifetime – temporary

When deleted – end of query

Scope – single query

Reusability – limited (1 place – 1 query)

Up2date – yes

CTE –

Storage – Memory

Lifetime – temporary

When deleted – end of query

Scope – single query

Reusability – limited (multi-places – 1 query)

Up2date – yes

Temp Tables –

Storage – Disk

Lifetime – temporary

When deleted – end of query

Scope – multi-queries

Reusability – medium (multi queries during session)

Up2date – no

CTAS –

Storage – Disk

Lifetime – permanent

When deleted – end of query

Scope – multi-queries

Reusability – high (multi queries)

Up2date – no

Views –

Storage – No storage

Lifetime – permanent

When deleted – end of query

Scope – multi-queries

Reusability – High (multi-queries)

Up2date – yes