Query

CREATE TABLE harian (

id INT AUTO\_INCREMENT PRIMARY KEY,

person\_id INT NOT NULL,

date DATE NOT NULL,

category VARCHAR(50) NOT NULL,

amount DECIMAL(10,2) NOT NULL

);

INSERT INTO harian (person\_id, date, category, amount)

VALUES (1, '2023-01-31', 'Food', 25.50),

(1, '2023-01-31', 'Transportation', 10.00),

(2, '2023-01-31', 'Entertainment', 50.00);

Redis

HSET person:1 date 2023-01-31

HSET person:1 category Food

HSET person:1 amount 25.50

HSET person:1 date 2023-01-31

HSET person:1 category Transportation

HSET person:1 amount 10.00

HSET person:2 date 2023-01-31

HSET person:2 category Entertainment

HSET person:2 amount 50.00

Neo4J

CREATE (:Person {id: 1})

CREATE (:Expense {date: "2023-01-31", category: "Food", amount: 25.50})

CREATE (:Expense {date: "2023-01-31", category: "Transportation", amount: 10.00})

CREATE (:Person {id: 2})

CREATE (:Expense {date: "2023-01-31", category: "Entertainment", amount: 50.00})

MATCH (p:Person), (e:Expense)

WHERE p.id = 1 AND e.date = "2023-01-31"

CREATE (p)-[r:SPEND]->(e)

MATCH (p:Person), (e:Expense)

WHERE p.id = 2 AND e.date = "2023-01-31"

CREATE (p)-[r:SPEND]->(e)

Cassandra

CREATE KEYSPACE expenses WITH REPLICATION = {'class': 'SimpleStrategy', 'replication\_factor': 1};

CREATE TABLE expenses.daily\_expenses (

person\_id INT PRIMARY KEY,

date DATE,

category TEXT,

amount DECIMAL

);

INSERT INTO expenses.daily\_expenses (person\_id, date, category, amount)

VALUES (1, '2023-01-31', 'Food', 25.50);

INSERT INTO expenses.daily\_expenses (person\_id, date, category, amount)

VALUES (1, '2023-01-31', 'Transportation', 10.00);

INSERT INTO expenses.daily\_expenses (person\_id, date, category, amount)

VALUES (2, '2023-01-31', 'Entertainment', 50.00);