

Corp.	Trading Vol.	Trans.Vol.	Turnover Rate	Date	Price
NVIDIA	47.39M	\$21.69B	1.92%	09.08	\$455.72
Tesla	119M	\$29.8B	3.74%	09.08	\$248.5
Apple	65.6M	\$11.75B	0.42%	09.08	\$178.18

(a) T_1 : Query table for join

Corp.	City	Country	Market Cap
NVIDIA Corp.	Santa Clara	USA	\$1.13T
Apple Inc.	Cupertino	USA	\$2.79T
Amazon	Seattle	USA	\$1.43T

T_2

Corp	Business	Country	Market Cap
Alibaba	E-commerce	China	HK\$1.79T
Tencent	Social media	China	HK\$3.10T
Baidu	Internet services	China	HK\$383B

T_3

Data Lake

Name	Director	Venue	Country	Date	Rating
Chariots of Fire	Hugh Hudson	London	English	1981.03.30	7.1
Titanic	James Cameron	Tokyo	USA	1997-11-01	7.9
Forrest Gump	Robert Zemeckis	LA	USA	1994.06.23	8.8

(b) T_4 : Query table for union

Movie	Address	Price	Score
Avatar	London	\$10	7.9
Free Guy	Locarno	\$12	7.1
1917	Toronto	\$15	8.2

T_5

Name	City	Date	Rating
Cafe Claude	NY	2022.10.20	4.3
Mesa grill	NY	2023.12.22	5.0
Thai House	LA	2021.11.26	4.3

T_6