2 Task 3 : SCD

Original Table:

Country_id	Country-name
1	India
2	USA
3	Canada
4	UK

Type - 0 SCD

Country-id	Country-name
1	India
2	United States
3	Canada
4	UK

Type -1 SCD

Country-id	Country-name	Active_Flag
1	India	1
2	USA	0
3	Canada	1
4	UK	1
2	United States	1

Type 2 SCD :

CountryId	Country Name	Update User	UpdateTime
1	India	Admin	15-01-2024
2	USA	Domain User	15-01-2024
3	Canada	System User	15-01-2024
4.	UK	Admin	15-01-2024
2	United States	Admin	15-01-2025
4	United Kingdom	Admin	15-01-2025

Type 3 : SCD :

customer key	Customer id	First Name	Last Name	email	loyalty-tier	start-date	end-date	is-current flag
1	CUST001	Jane	Smith	Janesmith@gmail.com	Bronze	2022-1-15	2025-2-28	1
2	CUST002	Peter	Parker	peter@gmail.com	Gold	2025-2-13	2025-6-30	1
3	CUST003	Ben	Ten	benten@gmail.com	Bronze	2023-4-15	2026-9-1	1

customer key	customer-id	first_name	last_name	email	loyalty-tier	start-date	end-date	is-current-flg
1	CUST001	Jane	Smith	janesmith@gmail.com	bronze	2022-1-15	2025-2-28	0
2	CUST002	Peter	Parker	peter@gmail.com	gold	2025-2-13	2025-6-30	1
3	CUST003	Ben	Ten	benten@gmail.com	bronze	2023-4-18	2026-9-1	1
1	CUST001	Jane	Smith	janesmith@gmail.com	gold	2023-07-01	9909-12-31	1