

# Task 3 : SCD

## Initial Customer Dimension Table

Customer key	Customer id	first Name	Last Name	email	loyalty tier	start_date	end date	current f lag
1	CUST001	Jane	Smith	janesmith@gmail.com	Bronze	2022-1-15	2023-6-30	1
2	CUST002	Peter	Parker	peter@gm-mail.com	Gold	2022-2-15	2023-7-30	1
3	CUST003	Ben	Tennison	ben@gm-mail.com	Bronze	2022-4-15	2023-9-30	1

Jane Smith gets promoted to Gold loyalty tier.

New ~~record~~ record to show change in her loyalty tier (Type 1 SCD)

Customer key	Customer id	first-name	Last-name	email	loyalty-tier	start-date	end-date	current flag
1	CUST001	Jane	Smith	janesmith@gmail.com	Bronze	2022-1-15	2023-6-30	0
2	CUST002	Peter	Parker	peter@g-mail.com	Gold	2022-2-15	2023-7-30	1
3	CUST003	Ben	Tennison	ben@gmail.com	Bronze	2022-4-15	2023-9-30	1
1	CUST001	Jane	Smith	janesmith@gmail.com	Gold	2023-7-1	2024-12-30	1