

Problem: Replace NULL Values

You have a table named **HZL_Table** with the following structure:

Date	BU	Value
2024-01-01	hzl	3456
2024-02-01	hzl	NULL
2024-03-01	hzl	NULL
2024-04-01	hzl	NULL
2024-01-01	SC	32456
2024-02-01	SC	NULL
2024-03-01	SC	NULL
2024-04-01	SC	NULL
2024-05-01	SC	345
2024-06-01	SC	NULL

You need to replace all the NULL values in the [Value] column with the previous non-NULL value within the same business unit (BU). The desired output should resemble the following:

Date	BU	Value
2024-01-01	hzl	3456
2024-02-01	hzl	3456
2024-03-01	hzl	3456
2024-04-01	hzl	3456
2024-01-01	SC	32456
2024-02-01	SC	32456
2024-03-01	SC	32456
2024-04-01	SC	32456
2024-05-01	SC	345
2024-06-01	SC	345

Write a SQL query that achieves the desired output.