Write Functions Reference

These are the write functions you can use in the json settings files. This is a reference document and does not show how to use these functions as well as one of the procedures or guides.

Functions

|  |  |
| --- | --- |
| **Function Name** | **Description** |
| overwrite\_table | overwrites a Delta table using df.write.mode("overwrite") |
| upsert\_table | merges a DataFrame into the destination table |
| batch\_upsert\_scd2 | thin wrapper around upsert\_table for SCD2 batch upserts |
| write\_upsert\_snapshot | merges a single-row-per-key snapshot into the destination table |

Settings

|  |  |
| --- | --- |
| **Function Name** | **Key(s) Required** |
| overwrite\_table |  |
| upsert\_table | business\_key, surrogate\_key |
| batch\_upsert\_scd2 | business\_key, surrogate\_key |
| write\_upsert\_snapshot | business\_key |

Settings example.

"write\_function": "functions.write.write\_upsert\_snapshot"

"business\_key": [

"id"

],

"surrogate\_key": []

SCD2 Example

This shows that the record identified by LFT 1072 - Edmund Mahon has “changed” three times since 6/25. Each time it changes the SCD2 table adds another record so that history is tracked. SCD2 tables are commonly used for financial data.

