**SCD1**

**Change Type:**

Slowly Changing Dimension Type 1

**Before Image:**

****

**After Image:**

****

**Rationale for change:**

For this situation we were pretending that the name of the product contained a misspelled word. So we overwrote the name to be correct.

**SCD2**

**Change Type:**

Slowly Changing Dimension Type 2

**Before Image:**

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**After Image:**

****

**Rationale for change:**

For this situation we were pretending that the BUID of the product was changed. So as this was a type 2 change the original record remains and we added an additional record to reflect the change made.

**SCD3**

**Change Type:**

Slowly Changing Dimension Type 3

**Before Image:**

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**After Image:**

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**Rationale for change:**

For this situation we were pretending that the Name of the product needed to be changed. So as this was a type 3 change we updated the name column to ‘previousName’ and then added an additional column called ‘newName’ so as to preserve the old name.

**SCD4**

**Change Type:**

Slowly Changing Dimension Type 1

**Before Image:**

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**After Image:**

****

**Rationale for change:**

For this situation we were pretending that the ProdID was incorrect. This was a type 1 change so we just updated the column to the new ProdID.

**SCD5**

**Change Type:**

Slowly Changing Dimension Type 6

**Before Image:**

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**After Image:**

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**Rationale for change:**

For this situation we were pretending that the Price1 needed to be updated. So as this was a type 6 change we had to create the columns ‘preivousPrice1’ and ‘newPrice1’. Then we inserted a record into the table with the previous price 1 being equal to the current and new price 1. After that we inserted another new record into the table with the previous price 1 being equal to the first record then a new price 1 where the price was changed.

**Referenced Folder/Files:**

All\_SCD\_Files\_Final.zip