1. Reiterate the core concept of Slowly Changing Dimensions (SCD).

Slowly Changing Dimensions are a data warehousing concept that is used in managing and tracking changes in dimension tables over some period of time. There are 5 types of SCD:

1. **Type 0: retaining original** - in this type retains the original values, and changes are not tracked. The attributes are immutable and remain as they were when first inserted.
2. **Type 1: Overwrite** here - the old data is overwritten with new data. No history of the old data is preserved, and only the current state is stored.
3. **Type 2: Add New Row -** This type keeps historical data by adding a new row for each change. Each row has a unique surrogate key, and changes are tracked by creating new rows with new surrogate keys.
4. **Type 3: Add New Attribute** - here his type keeps limited history by adding new attributes to store previous values. It is useful when changes are not frequent and limited to a few attributes.
5. **Hybrid Slowly Changing Dimensions** - This type combines elements of Type 1, 2, and 3 SCDs to handle different attributes in different ways, depending on the change.