**Step-by-Step Approach:**

**1. Data Cleaning Steps:**

* **Remove or Replace NULL Values:**
  + Replace NULL values in string columns with 'N/A'.
  + Replace NULL values in numeric columns with 0 or another placeholder value based on your business logic.
* **Date Format Standardization:**
  + Convert date columns (ERSDA, FWDAT, BUDAT, BLDAT) to a consistent format (e.g., dd-mm-yyyy).
* **Time Format Standardization:**
  + Clean time columns (ERZET, FWZET) to a uniform format (e.g., HH:mm:ss).
* **Trim Whitespace:**
  + Trim leading and trailing whitespaces in string fields like MATNR, MAKTX, etc.
* **Handle Duplicate Records:**
  + Identify and remove duplicate records using IDX or other unique fields.
* **Filter Unwanted Rows:**
  + Remove rows with invalid data, such as incorrect dates or negative quantities in ERFMG.

**2. Data Transformation:**

* **Create Calculated Columns:**
  + For example, create a new column for derived insights such as total value based on ERFMG and price (if available).
* **Data Type Normalization:**
  + Ensure data types are consistent. For example, numeric columns should be INT or DECIMAL, dates should be DATE, and text columns should have appropriate lengths (VARCHAR or NVARCHAR).
* **Join with Lookup Tables:**
  + Use joins to enrich the data from SAP\_AFFW\_STG if necessary. For instance, lookup descriptions or category names from other tables based on foreign keys like MATNR (material number).

**3. View Creation:**

After cleaning and transforming the data, create a view on top of the SAP\_AFFW\_STG that will reflect the cleaned data, which can then be loaded into SAP\_AFFW\_TGT.

**4. Migrating Data to Target Table (SAP\_AFFW\_TGT):**

Once you have the view in place, you can migrate the cleaned and transformed data into the target table SAP\_AFFW\_TGT.

**Additional Considerations:**

* **Indexing:** Make sure SAP\_AFFW\_TGT has proper indexes (e.g., on IDX) to improve performance during querying.
* **Incremental Load:** If your source data (SAP\_AFFW\_STG) is regularly updated, you might want to handle incremental loads to the target table by capturing only the newly inserted or modified rows. This can be done using a timestamp or updated field like upddte.

**Summary of the Workflow:**

1. Clean the data (handle NULLs, date/time formatting, trimming, removing duplicates).
2. Apply necessary transformations (calculated columns, data type normalization).
3. Create a view that reflects the cleaned and transformed data.
4. Insert the data from the view into the target table (SAP\_AFFW\_TGT).
5. Ensure indexing and performance optimization.