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| Project Title | Data-warehouse Design for Insurance |
| Project Domain | Data Warehouse |
| Environment | 1. Visual Studio 2019 2. Microsoft SQL Server Management Studio |
| Developer Responsibilities/ Contributions | 1. Developer need to work on the transformation as mention below 2. Lookup transformation 3. Cache transformation 4. Conditional Split 5. Union all 6. Multicast transformation…etc |
| KO Description | Able to implement Split and Join Transformations  Following are the transformation I used:   |  |  | | --- | --- | | **Transformation** | **Description** | | Lookup Transform | The transformation that looks up values in a reference table using an exact match. | | Cache Transform | The transformation that writes data from a connected data source in the data flow to a Cache connection manager that saves the data to a cache file. The Lookup transformation performs lookups on the data in the cache file. | | Conditional Split | The transformation that routes data rows to different outputs. | | Union All | The transformation that merges multiple data sets. | | Multicast Transformation | The transformation that distributes data sets to multiple outputs. | |
| Solution | I have used different types of Split and Join transformations in order to transform data according to project requirement   1. I have used Lookup Transformation to transform data according to given matched columns according to the condition in my Project. 2. I have used Cache Transformation in my Project, where I have loaded the data from multiple sources and save to memory in form of cache file (.caw) 3. I have used Multicast Transformation in my Project, to distribute datasets to multiple output forms. |