**Populating Shifts table**

Any company which runs multiple shifts to take care of the customers have to plan the work force. Typically companies plan for the shifts and association of certain employees to the right shifts.

In a manufacturing companies, typically we run 24 hours ie 3 shifts. In few customer delivery companies, we run 2 shifts (16 hour operations). So, we run a process called shift creation / shift population based on certain business rules. Few companies’ dont work on few Government holidays, in those days we don’t run shifts.

|  |  |  |
| --- | --- | --- |
| **Holiday** |  |  |
| **Holi\_id** | **Date** | **Reason** |
| 101 | 1-Jan-21 | New Year |
| 102 | 16-Jan-21 | Shankaranthi |
| 103 | 26-Jan-21 | Republic Day |
| 104 | 18-Feb-21 | ID Day |
| 105 | 1-May-21 | May Day |
| 106 | 15-Aug-21 | Independence Day |
| 107 | 1-Nov-21 | Founders Day |
| 108 | 25-Dec-21 | Christmas Day |
| 109 | 1-Jan-22 | New Year |
| 110 | 16-Jan-22 | Shankaranthi |

|  |  |  |
| --- | --- | --- |
| shift\_type |  |  |
| **shift\_desc** | **starting time** | **ending time** |
| early\_mrg shift | 6:00 AM | 2:00 PM |
| afternoon\_shift | 2:00 PM | 10:00 PM |

|  |  |  |  |
| --- | --- | --- | --- |
| Shifts |  |  |  |
| shift\_id | Date | start\_time | end\_time |

Write a stored procedure / data pipeline which takes MON\_YY as the argument and populate the shifts table

**Business Rules**

* Company don’t work on Sunday, so no shifts on that day
* We work from Monday to Saturday
* If the day falls in Holiday list then no shift for that day
* Saturday has only morning shift