**Project Demonstration**

**Step 1: SQL Development**

* SQL query written to fetch data from Oracle HCM tables based on SYSDATE.
* Conditions applied to detect matches for birthday and work anniversary.
* Data formatted with TO\_CHAR for readability (e.g., DD-MONTH-YYYY).

**Step 2: SQL Execution**

* Run SQL in Oracle BI or SQL Developer to verify accuracy.
* Output tested for various dates to ensure correct anniversary logic.

**Step 3: BI Publisher Integration (Optional)**

* Create a BI Publisher Data Model using the SQL query.
* Design a BI Publisher report layout to present the data professionally.
* Include dynamic text for "Birthday" or "Nth Work Anniversary."

**Step 4: Report Scheduling and Bursting (Optional)**

* Schedule the report to run daily.
* Configure bursting to send output to HR team email inbox.

**Step 5: Output Verification**

* Verify the final output is sorted and complete.
* Ensure HR receives the report in correct format (PDF/Excel).

**Step 6: User Feedback and Final Adjustments**

* Present output to HR for review.
* Incorporate feedback, if any, into the final version of the report.