

StdVsActual_Final.sql

Overview:

The StdVsActual_Final.sql script compares planned (standard) hours versus actual hours worked for departments or teams. This allows organizations to measure the efficiency and accuracy of their workforce planning.

Purpose:

The key objectives include:

- Identifying discrepancies between planned and actual hours.
- Highlighting areas of inefficiency or overutilization.
- Providing actionable data for process improvements.

Key Features:

1. Data Comparison:

- Compares standard hours with actual hours for each department/team.

2. Performance Metrics:

- Calculates the variance between planned and actual hours.
- Highlights departments with significant overages or shortfalls.

3. Continuous Improvement:

- Provides insights for better time tracking and resource planning.

SQL Script Breakdown:

1. Table Joins:

- Joins tables containing standard hours and actual hours.

2. Variance Calculation:

- Uses a calculated field to determine the difference between standard and actual hours.

3. Filters and Sorting:

- Filters to exclude invalid or incomplete data.

- Sorts by department for easy analysis.

Usage Instructions:

- Update the script with actual table and column names.
- Execute the script in a SQL environment.
- Use the output to identify and address inefficiencies.