

**CaptureFillFactor**

**Purpose:**

By leveraging the CaptureFillFactor stored procedure with appropriate parameters, database administrators can efficiently monitor, analyze, and optimize Fill Factor settings for enhanced database performance

1. **EXEC PerfStats.DBO.[CaptureFillFactor]**
   * Runs the procedure using default settings.
   * Captures Fill Factor data across all available databases, tables, and indexes.
2. **EXEC PerfStats.DBO.[CaptureFillFactor] @WhatIf =0**
   * Executes the merge process for Fill Factor data.
   * @WhatIf = 0 ensures actual execution rather than simulation.
3. **EXEC PerfStats.DBO.[CaptureFillFactor] @WhatIf =1, @Verbose = 0**
   * Displays the SQL code without executing any changes.
   * @WhatIf = 1 ensures that the procedure only simulates the execution.
   * @Verbose = 0 minimizes the output, showing only essential details.
4. **EXEC PerfStats.DBO.[CaptureFillFactor] @WhatIf =0, @Verbose = 0**
   * Displays the SQL code of the merge without executing any changes.
5. **EXEC PerfStats.DBO.[CaptureFillFactor] @DatabaseName='databasename', @TableName = 'tablename' ,@IndexName ='IndexName', @SchemaName='dbo'**
   * Filters Fill Factor data for a specific database, table, index, and schema.
   * If all or more than one is added in the parameters, it starts at 1 and works down in the stored procedure.
     1. Database
     2. Schema
     3. Table
     4. Index
6. **EXEC PerfStats.DBO.[CaptureFillFactor] @FillFactor=80**
   * Captures Fill Factor data while applying a specified Fill Factor value.
   * Note: The @FillFactor parameter works independently and cannot be combined with other parameters if the other parameters are added it will default to the highest level