SSIS contains 4 different groups:-

1. Tasks
2. Maintenance plan tasks
3. Data flow tasks
4. Containers
5. Tasks: - Tasks are things that SSIS can do, such as execute SQL statements or transfer objects from one SQL Server to another.
6. Maintenance plan tasks: - Maintenance Plan tasks are a special group of tasks that handle jobs such as checking database integrity and rebuilding indexes.
7. Data flow tasks: - The *Data Flow Task* is a general purpose task for ETL (extract, transform, and load) operations on data. There's a separate design tab for building the details of a Data Flow Task.
8. *Containers: - Containers* are objects that can hold a group of tasks.

| **TASKS** | | |
| --- | --- | --- |
|  | **Task** | **Purpose** |
|  | ActiveX Script | Execute an ActiveX Script |
|  | Analysis Services Execute DDL | Execute DDL query statements against an Analysis Services server |
|  | Analysis Services Processing | Process an Analysis Services cube |
|  | Bulk Insert | Insert data from a file into a database |
|  | Data Mining Query | Execute a data mining query |
|  | Execute DTS 2000 Package | Execute a Data Transformation Services Package (DTS was the SQL Server 2000 version of SSIS) |
|  | Execute Package | Execute an SSIS package |
|  | Execute Process | Shell out to a Windows application |
|  | Execute SQL | Run a SQL query |
|  | File System | Perform file system operations such as copy or delete |
|  | FTP | Perform FTP operations |
|  | Message Queue | Send or receive messages via MSMQ |
|  | Script | Execute a custom task |
|  | Send Mail | Send e-mail |
|  | Transfer Database | Transfer an entire database between two SQL Servers |
|  | Transfer Error Messages | Transfer custom error messages between two SQL Servers |
|  | Transfer Jobs | Transfer jobs between two SQL Servers |
|  | Transfer Logins | Transfer logins between two SQL Servers |
|  | Transfer Master Stored Procedures | Transfer stored procedures from the master database on one SQL Server to the master database on another SQL Server |
|  | Transfer SQL Server Objects | Transfer objects between two SQL Servers |
|  | Web Service | Execute a SOAP Web method |
|  | WMI Data Reader | Read data via WMI |
|  | WMI Event Watcher | Wait for a WMI event |
|  | XML | Perform operations on XML data |

| **SSIS control flow tasks** | | |
| --- | --- | --- |
|  | **Task** | **Purpose** |
|  | Back Up Database | Back up an entire database to file or tape |
|  | Check Database Integrity | Perform database consistency checks |
|  | Execute SQL Server Agent Job | Run a job |
|  | Execute T-SQL Statement | Run any T-SQL script |
|  | History Cleanup | Clean out history tables for other maintenance tasks |
|  | Maintenance Cleanup | Clean up files left by other maintenance tasks |
|  | Notify Operator | Send e-mail to SQL Server operators |
|  | Rebuild Index | Rebuild a SQL Server index |
|  | Reorganize Index | Compacts and defragments an index |
|  | Shrink Database | Shrinks a database |
|  | Update Statistics | Update statistics used to calculate query plans |