For applying incremental loading, do the following:

1. Build meta data table to store last date (very old value at the beginning eg. 1/1/1900)

To guarantee the initial load.

1. Assign last date to variable.
2. Determine the primary key either id or date from source table that will be used in where condition.
3. Modify the fact table data flow task to include where condition for load only inserted rows (where modifdata( column in source table) > last date (variable))

And mofifdate < cut of date (package start time)

1. Then make execute sql task after dataflow task of fact table to update the last date in the meta data table and the date will be the **package start time** (to avoid any possible missing transaction in case the loading process of fact table took long time).