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| **Aggregation Function** | **Descriptor** | **Example Data Field for Use** |
| **Date assembler, day first**  **Date assembler, month first** | When mapping a date, the appropriate aggregation function is selected to match how the date is represented in the source data file: DD/MM/YYYY or MM/DD/YYYY | ***Visit Date*** |
| **Max value** | Selecting a maximum value from multiple source data columns - when several columns in the source data contain information for a data field this function allows the maximum value to be selected | ***Adverse Event:***  ***Maximum severity grade*** |
| **Array** | Values are taken from several source data columns and written into one database column. The individual values will then appear as options in the Event filter | **ONLY *used for Adverse Event:***  ***1) Action taken due to severity grade changes for investigational drugs***  ***2) AE severity grade changes*** |
| **Concatenate** | This allows long descriptions from several columns in the source data to be collected into one database cell | ***Hospitalisation:***  ***AE description*** |
| **Date assembler default time, day first**  **Date assembler default time, month first** | This is used when mapping a date and time, the appropriate aggregation function is selected to match how the date is represented in the source data file: DD/MM/YYYY or MM/DD/YYYY  This will be followed by time which is populated in the default value | ***Exacerbations:***  ***The start date of the exacerbation*** |
| **Array: Date assembler, day first**  **Array: Date assembler, month first** | Dates are taken from several source data columns and written into one database column. The appropriate aggregation function is selected to match how the date is represented in the source data file: DD/MM/YYYY or MM/DD/YYYY | N/A |