[DynamicCRM] Mismatch of columns between Dynamics CRM (Source) and Destination Tables

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[DynamicCRM]-Mismatch of columns between Dynamics CRM (Source) and Destination Tables

Symptoms	Copy activity fail with the following error: 'ADF skips the columns which doesnt have data In the process of setting up archival from Dynamics CRM to Azure Data factory using FetchXML query. This is resulting in mismatch of columns between source and destination when you are setting up external tables in Azure Synapse. **Message:** Error while selecting the linked table : Failed to execute query. Error: External file access failed due to internal error: 'File /Cases/Cases.parquet: HdfsBridge::CreateRecordReader - Unexpected error encountered creating the record reader: HadoopExecutionException: Column count mismatch.
Cause	When Data Factory imports a schema in the authoring UI, it infers the schema. It does so by sampling the top rows from the Dynamics query result to initialize the source column list. In that case, columns with no values in the top rows are omitted. The same behavior applies to copy executions if there is no explicit mapping. You can review and add more columns into the mapping, which are honored during copy runtime.
Resolution	This behaviour is by design and a work around is to explicitly map the columns in the JSON. We have no plans at present to support adding empty columns to schema mapping when used with fetchXML. Please note that this works if you are not using fetchXML

More Information :

https://docs.microsoft.com/en-us/azure/data-factory/connector-dynamics-crm-office-365#dataset-properties

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