

Power Query - Combine Files Best Practices

```
Advanced Editor

Dispatch Kapan Files Data

let
    Source = Folder.Files(PathDataDispatchKapanFiles),
    #"Custom M Language Formula" = Table.TransformColumns(Source, {"Content", each Excel.Workbook(_, true)}),
    #"Expanded Content" = Table.ExpandTableColumn(#"Custom M Language Formula", "Content", {"Name", "Data", "Item", "Kind", "Hidden"}, {"Name.1", "Data", "Item", "Kind", "Hidden"}),
    #"Filtered Files" = Table.SelectRows(#"Expanded Content", each ([Hidden] = false)),
    #"Custom M Language Formula to Add File Names" = Table.AddColumn(#"Filtered Files", "DataWithFileName", each Table.AddColumn([Data], "FileName", (row) => [Name])),
    #"Custom M Language Formula to Combine Data" = Table.Combine(#"Custom M Language Formula to Add File Names"[DataWithFileName]),
    #"Filtered Rows" = Table.SelectRows(#"Custom M Language Formula to Combine Data", each ([Shape] <> null and [Shape] <> "")),
    #"Added Custom Column Kapan CTS" = Table.AddColumn(#"Filtered Rows", "Kapan CTS", each [Cons Cts]+[Rej Cts]),
    #"Added Custom Column GR/NGR" = Table.AddColumn(#"Added Custom Column Kapan CTS", "GR/NGR", each if [Department]="Dispatch GR" then "GR" else if [Department]="Dispatch Bulk" then "NGR" else "Not Available"),
    #"Added Custom Column Dispatch Location" = Table.AddColumn(#"Added Custom Column GR/NGR", "Dispatch Location", each if [Disapctch Company]="VG- SDB" then "SDB" else if [Disapctch Company]="KIRA DIAM LLP" then "Mumbai" else if [Disapctch Company]="VGROWNTECH PVT LTD" then "Mumbai" else "Not Available"),
    #"Removed Columns" = Table.RemoveColumns(#"Added Custom Column Dispatch Location",{"Department", "Disapctch Company", "Dispatch Polish Amount $", "Per Cts Cost", "MFG Per Cts Price $", "Mine", "Quality", "Packet No", "Packet Type", "Disapctch Jangad No", "Rej Value", "Dispatch Amount", "Total Jangad Amt", "Weight DiffCarat"}),
    #"Changed Type" = Table.TransformColumnTypes(#"Removed Columns",{{"Kapan No", type text}, {"BarCode", type text}, {"FileName", type text}, {"Kapan CTS", type number}, {"GR/NGR", type text}, {"Dispatch Location", type text}})
in
    #"Changed Type"
```

-> Power Query - Formula for "Dispatch Kapan Files"

=> 4 New Columns Added from same table (FileName, Kapan CTS, GR/NGR, Dispatch Location)

```
let
    Source = Folder.Files(PathDataDispatchKapanFiles),
    #"Custom M Language Formula" = Table.TransformColumns(Source, {"Content", each Excel.Workbook(_, true)}),
    #"Expanded Content" = Table.ExpandTableColumn(#"Custom M Language Formula", "Content", {"Name", "Data", "Item", "Kind", "Hidden"}, {"Name.1", "Data", "Item", "Kind", "Hidden"}),
    #"Filtered Files" = Table.SelectRows(#"Expanded Content", each ([Hidden] = false)),
    #"Custom M Language Formula to Add File Names" = Table.AddColumn(#"Filtered Files", "DataWithFileName", each Table.AddColumn([Data], "FileName", (row) => [Name])),
    #"Custom M Language Formula to Combine Data" = Table.Combine(#"Custom M Language Formula to Add File Names"[DataWithFileName]),
    #"Filtered Rows" = Table.SelectRows(#"Custom M Language Formula to Combine Data", each ([Shape] <> null and [Shape] <> "")),
    #"Added Custom Column Kapan CTS" = Table.AddColumn(#"Filtered Rows", "Kapan CTS", each [Cons Cts]+[Rej Cts]),
    #"Added Custom Column GR/NGR" = Table.AddColumn(#"Added Custom Column Kapan CTS", "GR/NGR", each if [Department]="Dispatch GR" then "GR" else if [Department]="Dispatch Bulk" then "NGR" else "Not Available"),
    #"Added Custom Column Dispatch Location" = Table.AddColumn(#"Added Custom Column GR/NGR", "Dispatch Location", each if [Disapctch Company]="VG- SDB" then "SDB" else if [Disapctch Company]="KIRA DIAM LLP" then "Mumbai" else if [Disapctch Company]="VGROWNTECH PVT LTD" then "Mumbai" else "Not Available"),
    #"Removed Columns" = Table.RemoveColumns(#"Added Custom Column Dispatch Location",{"Department", "Disapctch Company", "Dispatch Polish Amount $", "Per Cts Cost", "MFG Per Cts Price $", "Mine", "Quality", "Packet No", "Packet Type", "Disapctch Jangad No", "Rej Value", "Dispatch Amount", "Total Jangad Amt", "Weight DiffCarat"}),
    #"Changed Type" = Table.TransformColumnTypes(#"Removed Columns",{{"Kapan No", type text}, {"BarCode", type text}, {"FileName", type text}, {"Kapan CTS", type number}, {"GR/NGR", type text}, {"Dispatch Location", type text}})
in
    #"Changed Type"
```

New Dispatch Amount Data Files

```
let
    Source = Folder.Files(PathDataNewDispatchAmountFiles),
    #"Custom M Language Formula" = Table.TransformColumns(Source, {"Content", each Excel.Workbook(_, true)}),
    #"Expanded Content" = Table.ExpandTableColumn(#"Custom M Language Formula", "Content", {"Name", "Data", "Item", "Kind", "Hidden"}, {"Name.1", "Data", "Item", "Kind", "Hidden"}),
    #"Filtered Files" = Table.SelectRows(#"Expanded Content", each ([Hidden] = false)),
    #"Custom M Language Formula to Add File Names" = Table.AddColumn(#"Filtered Files", "DataWithFileName", each Table.AddColumn([Data], "FileName", (row) => [Name])),
    #"Custom M Language Formula to Combine Data" = Table.Combine(#"Custom M Language Formula to Add File Names"[DataWithFileName]),
    #"Filtered Rows" = Table.SelectRows(#"Custom M Language Formula to Combine Data", each ([Prediction Level] <> null and [Prediction Level] <> "")),
    #"Changed Type" = Table.TransformColumnTypes(#"Filtered Rows",{{"Dispatch Polish Amount $", type number}, {"final Dispatch Polish Amount $", type number}, {"Prediction Level", type text}, {"BarCode", type text}, {"FileName", type text}})
in
    #"Changed Type"
```

-> Power Query - Formula for "New Dispatch Amount Files"

```
let
    Source = Folder.Files(PathDataNewDispatchAmountFiles),
    #"Custom M Language Formula" = Table.TransformColumns(Source, {"Content", each Excel.Workbook(_, true)}),
    #"Expanded Content" = Table.ExpandTableColumn(#"Custom M Language Formula", "Content", {"Name", "Data", "Item", "Kind", "Hidden"}, {"Name.1", "Data", "Item", "Kind", "Hidden"}),
    #"Filtered Files" = Table.SelectRows(#"Expanded Content", each ([Hidden] = false)),
    #"Custom M Language Formula to Add File Names" = Table.AddColumn(#"Filtered Files", "DataWithFileName", each Table.AddColumn([Data], "FileName", (row) => [Name])),
    #"Custom M Language Formula to Combine Data" = Table.Combine(#"Custom M Language Formula to Add File Names"[DataWithFileName]),
    #"Filtered Rows" = Table.SelectRows(#"Custom M Language Formula to Combine Data", each ([Prediction Level] <> null and [Prediction Level] <> "")),
    #"Changed Type" = Table.TransformColumnTypes(#"Filtered Rows",{{"Dispatch Polish Amount $", type number}, {"final Dispatch Polish Amount $", type number}, {"Prediction Level", type text}, {"BarCode", type text}, {"FileName", type text}})
in
    #"Changed Type"
```