

Queries for the Cleaned Dataset

```
= Table.AddIndexColumn(Source, "Index", 0, 1, Int64.Type)

= Table.AddColumn(#"Added Index", "Custom", each if Text.StartsWith([Column1], "12") then [Index]
else null)

= Table.RenameColumns(#"Added Conditional Column",{{"Custom", "Startindex"}})

= Table.FillDown(#"Renamed Columns",{{"Startindex"}})

= Table.Group(#"Filled Down", {"Startindex"}, {"all_text", each Text.Combine([Column1], " "), type
nullable text}})

= Table.RemoveColumns(#"Grouped Rows",{{"Startindex"}})

= Table.SplitColumn(#"Removed Columns", "all_text", Splitter.SplitTextByEachDelimiter({"","},
QuoteStyle.Csv, false), {"all_text.1", "all_text.2"})

= Table.TransformColumnTypes(#"Split Column by Delimiter",{{"all_text.1", type date}, {"all_text.2", type
text}})

= Table.SplitColumn(#"Changed Type", "all_text.2", Splitter.SplitTextByEachDelimiter({"-"},
QuoteStyle.Csv, false), {"all_text.2.1", "all_text.2.2"})

= Table.TransformColumnTypes(#"Split Column by Delimiter1",{{"all_text.2.1", type time}, {"all_text.2.2",
type text}})

= Table.TransformColumns(#"Changed Type1",{{"all_text.2.2", Text.Trim, type text}})

= Table.AddColumn(#"Trimmed Text", "Day Name", each Date.DayOfWeekName([all_text.1]), type text)

= Table.ReorderColumns(#"Inserted Day Name",{all_text.1", "Day Name", "all_text.2.1", "all_text.2.2"})

= Table.ReplaceValue(#"Reordered Columns", "Agunwa
GloryðŸœ", "+2349061306785", Replacer.ReplaceText, {"all_text.2.2"})

= Table.Skip(#"Replaced Value", 3)

= Table.SplitColumn(#"Removed Top Rows", "all_text.2.2", Splitter.SplitTextByEachDelimiter({":"},
QuoteStyle.Csv, false), {"all_text.2.2.1", "all_text.2.2.2"})

= Table.TransformColumnTypes(#"Split Column by Delimiter2",{{"all_text.2.2.1", type text},
{"all_text.2.2.2", type text}})

= Table.SelectRows(#"Changed Type2", each ([all_text.2.2.1] <> "Only admins can message this group"
and [all_text.2.2.1] <> "Pat Mbbch joined using this group's invite link"))

= Table.SplitColumn(#"Filtered Rows", "all_text.2.2.1", Splitter.SplitTextByDelimiter(" ", QuoteStyle.Csv),
{"all_text.2.2.1.1", "all_text.2.2.1.2", "all_text.2.2.1.3", "all_text.2.2.1.4", "all_text.2.2.1.5",
"all_text.2.2.1.6", "all_text.2.2.1.7", "all_text.2.2.1.8", "all_text.2.2.1.9", "all_text.2.2.1.10",
"all_text.2.2.1.11", "all_text.2.2.1.12", "all_text.2.2.1.13", "all_text.2.2.1.14", "all_text.2.2.1.15",
"all_text.2.2.1.16", "all_text.2.2.1.17"})
```

```

= Table.TransformColumnTypes("#Split Column by Delimiter3",{{"all_text.2.2.1.1", Int64.Type},
{"all_text.2.2.1.2", type text}, {"all_text.2.2.1.3", type text}, {"all_text.2.2.1.4", type text},
{"all_text.2.2.1.5", type text}, {"all_text.2.2.1.6", type text}, {"all_text.2.2.1.7", type text},
{"all_text.2.2.1.8", type text}, {"all_text.2.2.1.9", type text}, {"all_text.2.2.1.10", type text},
{"all_text.2.2.1.11", type text}, {"all_text.2.2.1.12", type text}, {"all_text.2.2.1.13", type text},
{"all_text.2.2.1.14", type text}, {"all_text.2.2.1.15", type text}, {"all_text.2.2.1.16", type text},
{"all_text.2.2.1.17", type text}})

= Table.CombineColumns(Table.TransformColumnTypes("#Changed Type3", {"all_text.2.2.1.1", type
text}}, "en-US"), {"all_text.2.2.1.1", "all_text.2.2.1.2", "all_text.2.2.1.3",
"all_text.2.2.1.4"}, Combiner.CombineTextByDelimiter("", QuoteStyle.None), "Merged")

= Table.CombineColumns("#Merged Columns", {"all_text.2.2.1.5", "all_text.2.2.1.6", "all_text.2.2.1.7",
"all_text.2.2.1.8", "all_text.2.2.1.9", "all_text.2.2.1.10", "all_text.2.2.1.11", "all_text.2.2.1.12",
"all_text.2.2.1.13", "all_text.2.2.1.14", "all_text.2.2.1.15", "all_text.2.2.1.16",
"all_text.2.2.1.17"}, Combiner.CombineTextByDelimiter(" ", QuoteStyle.None), "Merged.1")

= Table.SplitColumn("#Merged Columns1", "Merged", Splitter.SplitTextByEachDelimiter({"j"},
QuoteStyle.Csv, false), {"Merged.1.1", "Merged.2"})

= Table.TransformColumnTypes("#Split Column by Delimiter4",{{"Merged.1.1", type text}, {"Merged.2",
type text}})

= Table.ReplaceValue("#Changed Type4", "oined", "joined", Replacer.ReplaceText, {"Merged.2"})

= Table.CombineColumns("#Replaced Value1", {"Merged.2",
"Merged.1"}, Combiner.CombineTextByDelimiter(" ", QuoteStyle.None), "Merged")

= Table.AddColumn("#Merged Columns2", "Custom", each if Text.Contains([Merged], "joined") then
"joined" else if Text.Contains([Merged], "left") then "left" else if Text.Contains([Merged], "added") then
"activities" else if Text.Contains([Merged], "changed") then "activities" else if Text.Contains([Merged],
"removed") then "activities" else "text")

= Table.RenameColumns("#Added Conditional Column1",{{"all_text.2.2.2", "Text"}})

= Table.AddColumn("#Renamed Columns1", "Custom.1", each if Text.Contains([Text], "Name") then
[Text] else "undefined")

= Table.ReplaceErrorValues("#Added Conditional Column2", {"Custom.1", "undefined"})

= Table.AddColumn("#Replaced Errors", "Word Count", each List.Count(Text.Split([Text], " ")))

= Table.ReplaceErrorValues("#Added Custom", {"Word Count", 0})

= Table.RenameColumns("#Replaced Errors1",{{"all_text.1", "Date"}, {"Day Name", "Day of Week"},
{"all_text.2.1", "Time"}, {"Merged.1.1", "Contact"}, {"Merged", "Activities"}, {"Custom", "Events"},
{"Custom.1", "Text 2"}})

= Table.RemoveColumns("#Replaced Errors1", {"Merged"})

```

```
= Table.RenameColumns("#Removed Columns1",{{"all_text.1", "Date"}, {"Day Name", "Day of Week"}, {"all_text.2.1", "Texting Time"}, {"Merged.1.1", "Contacts"}})

= Table.RemoveColumns("#Renamed Columns2",{ "Text", "Day of Week"})

= Table.RenameColumns("#Removed Columns2",{{"Custom", "Events"}, {"Custom.1", "Text"}})
```

Extra Queries for the Word and Event Counts Table

```
= Table.Group("#Removed Columns2", {"Contacts"}, {"word count", each List.Sum([Word Count]), type number}, {"event time", each Table.RowCount(_, Int64.Type)})
```

PS: For the Names and Descriptions' table, I removed every other column except the columns for contacts and Names. The semi-raw data table is a duplicate created before the data was finally cleaned and so has the same queries as the cleaned dataset up to the point where some columns were removed.