

# Splitter: Pivot Table for Survey Data in Excel

*Student version 4.0*

Indonesia

September 2024

maxi

# Splitter : A Quick Guide

- 1. Satu Survey dalam satu Workbook/file Excel :** Setiap workbook (atau file Excel) hanya dapat berisi satu set data survey. Jika kamu perlu menganalisis data survey lainnya, kamu harus menggunakan workbook terpisah.
- 2. Data Survey di Sheet :** Data survey kamu terletak pada satu sheet dalam workbook. Data harus dimulai dari sel A1, dengan baris pertama berisi pertanyaan dan baris-baris selanjutnya berisi data untuk tiap responden dimulai dengan kolom pertama berisi ID responden (atau Timestamp yang dapat berfungsi sebagai ID) lalu setiap kolom selanjutnya berisi jawaban untuk setiap pertanyaan. Saat Splitter pertama kali dijalankan, sheet data survey secara otomatis diberi nama baru "Form Response 1".
- 3. Jawaban dalam Satu Sel :** Jawaban untuk setiap pertanyaan apapun jenisnya—baik itu pertanyaan satu jawaban, jawaban lebih dari satu, atau pertanyaan terbuka—dicatat dalam satu sel di sheet survey data, terlepas dari panjang jawaban. Untuk jawaban lebih dari satu, setiap jawaban dipisah dengan tanda koma.
- 4. Data Cleaning dengan bantuan AI:** Sebelum membuat tabel, data cleaning mungkin diperlukan terutama untuk pertanyaan terbuka dan AI (seperti ChatGPT, Gemini, dll) dapat membantu proses ini dengan lebih efisien. *Copy* data dari kolom pertanyaan yang relevan di sheet data survey, *paste* ke AI dengan instruksi *prompt* untuk *data cleaning*, lalu hasil dari AI di *copy* dan di-*paste* kembali ke kolom pertanyaan tersebut. Proses data cleaning AI ini mungkin memerlukan beberapa kali percobaan, dengan penyesuaian pada instruksi *prompt* dan pengecekan ulang.
- 5. Menjalankan Pertama Kali :** Saat dijalankan pertama kali, Splitter secara otomatis akan melakukan *coding* semua data teks yang terdapat di data survey. Proses ini mungkin memakan waktu beberapa menit, tergantung pada ukuran data survey.
- 6. Membuat Tabel:** Setelah proses *coding* selesai, kamu dapat langsung membuat tabel data yang ingin kamu buat di sheet baru.
- 7. Fungsi Penting Pembuatan Tabel :** Splitter dilengkapi dengan fungsi *cross-tabulation*, *filter*, dan statistik dasar seperti nilai rata-rata dan standar deviasi untuk analisis data yang lebih mendalam, mirip dengan apa yang dilakukan Pivot Table
- 8. Menyimpan Pekerjaan Kamu:** Saat kamu menyimpan workbook, Splitter akan mempertahankan pengaturan terakhir, memastikan data dan analisis kamu tetap terjaga.
- 9. Keamanan Data:** Data kamu aman. Jika saat pengolahan data atau pengeditan kamu merasa telah melakukan kesalahan, cukup *copy* data di sheet "Form Response 1" ke workbook/file excel baru dan mulai lagi dari awal.
- 10. Berbagai Pekerjaan kamu :** Pekerjaan kamu, termasuk pengaturannya, dapat dibagikan dengan pengguna Splitter lainnya. Cukup kirim file tersebut ke pengguna Splitter lain, memungkinkan mereka membuat tabel berdasarkan konfigurasi yang kamu simpan.

# Survey Data di Excel

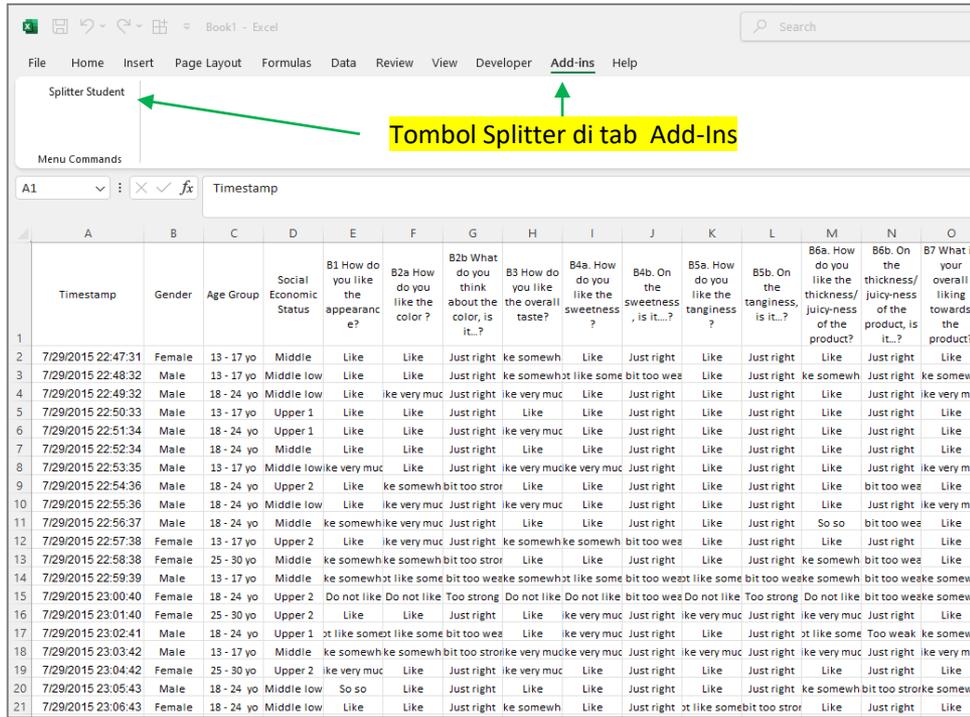
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Timestamp	Gender	Age	Position	A1. How do you like the Logo Design?	A2. How do you like the Logo Color?	A3. How to you like its Tagline?	A4. How do you like the Background Design?	A5. How do you like the Background color?	A6. How do you like the Logo Font type?	A7. How do you like the Tagline Font type?	B1. How do you agree with the statement that the logo "Unique"?	B2. How do you agree with the statement that the logo Latest Technology Simple?	B3. How do you agree with the statement that the logo Attractive?	B4. How do you agree with the statement that the logo Looks sophisticated?	B5. How do you agree with the statement that the logo Fit Premium?	B6. How do you agree with the statement that the logo Fit Company?		
7/29/2015 23:52:13	Female	25 - 45 yo	External	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/29/2015 23:53:14	Male	25 - 45 yo	Senior Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/29/2015 23:54:14	Female	>45 yo	Manager	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/29/2015 23:55:15	Female	25 - 45 yo	Director	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/29/2015 23:56:16	Male	25 - 45 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/29/2015 23:57:16	Female	<45 yo	Senior Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/29/2015 23:58:17	Female	<25 yo	Manager	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/29/2015 23:59:18	Male	<25 yo	External	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:00:19	Male	<25 yo	Senior Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:01:19	Male	<25 yo	Senior Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:02:20	Male	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:03:20	Male	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:04:21	Female	>45 yo	Manager	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:05:21	Male	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:06:22	Female	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:07:23	Female	<25 yo	External	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:08:23	Female	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:09:24	Female	25 - 45 yo	External	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:10:25	Female	>45 yo	Manager	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:11:25	Female	>45 yo	Manager	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:12:26	Female	25 - 45 yo	Manager	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:13:27	Female	25 - 45 yo	Manager	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:14:27	Female	<25 yo	External	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:15:28	Female	25 - 45 yo	External	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:16:29	Female	25 - 45 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:17:29	Female	>45 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:18:30	Male	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:19:31	Female	>45 yo	Senior Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:20:31	Male	25 - 45 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:21:32	Female	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:22:33	Female	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:23:33	Female	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:24:34	Male	<25 yo	Manager	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:25:35	Female	>45 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:26:35	Female	>45 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:27:36	Female	25 - 45 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:28:37	Female	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:29:37	Male	>45 yo	Senior Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:30:38	Female	<25 yo	Staff	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:31:39	Male	25 - 45 yo	External	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
7/30/2015 00:32:40	Female	>45 yo	Manager	Like	Like	Like	Like	Like	Like	Like	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree

- **Mulai di Sel A1:** Pastikan data survei kamu dimulai dari sudut kiri atas sheet di sel A1.
- **Baris 1:** Berisi pertanyaan survei, dengan setiap kolom mewakili pertanyaan yang berbeda.
- **Baris 2 dan Selanjutnya:** Setiap baris berisi jawaban dari setiap responden, dengan setiap kolom berisi jawaban dari tiap pertanyaan.
- **Kolom A:** Berisi ID responden atau Stempel Waktu (Timestamp) yang berfungsi sebagai ID.
- **Format Persegi:** Data survei memiliki format persegi sederhana. Setiap sel, di mana baris dan kolom berpotongan, memuat jawaban untuk pertanyaan tertentu dari seorang responden.
- **Satu Sel Data:** Jawaban untuk jenis pertanyaan apa pun—baik jawaban tunggal, jawaban lebih dari satu, atau pertanyaan terbuka—dicatat dalam satu sel, terlepas dari panjang jawabannya.
- **Jawaban Lebih dari Satu:** Untuk jawaban lebih dari satu, pisahkan setiap jawaban dengan koma.
- **Template Format Data:** Pengaturan ini mirip dengan format data survei yang diunduh dari Google Forms ke dalam Excel.

# Survey Data Cleaning Menggunakan AI

- Kamu dapat menggunakan AI seperti ChatGPT untuk membantu proses *data cleaning* (membersihkan data), terutama untuk pertanyaan terbuka di mana responden mengetikkan jawaban mereka sendiri.
- Beberapa contoh data cleaning : Penulisan huruf besar, memperbaiki salah tulis nama merek, membetulkan kesalahan ejaan, menangani singkatan, menghapus karakter yang tidak relevan, memastikan format yang seragam, dan banyak lagi.
- Langkahnya cukup mudah : *copy* kolom untuk pertanyaan tertentu dari data survei kamu, lalu *paste* di AI seperti ChatGPT dengan prompt seperti “Perbaiki Penulisan Merek berikut dengan Huruf besar“. Selanjutnya *copy* teks yang sudah dikoreksi AI kembali ke kolom di survey data kamu.
  - Namun, proses data cleaning menggunakan AI ini mungkin memerlukan beberapa percobaan, dengan penyesuaian prompt dan pemeriksaan ulang secara hati-hati, hingga hasilnya memuaskan.
- Aspek terpenting dari data cleaning untuk Splitter adalah terkait penggunaan tanda koma sebagai delimiter atau pemisah.
  - Tanda koma sebagai delimiter atau pemisah membantu membedakan elemen atau item yang berbeda dalam satu sel. Misalnya, jika seorang responden mencantumkan beberapa merek yang mereka sukai, Splitter akan mengenali setiap merek sebagai item terpisah ketika dipisahkan oleh koma.
  - Anda bisa menggunakan prompt di AI seperti “Pisahkan item-item berikut dengan menggunakan tanda koma”

# Saat Pertama Kali Menjalankan Splitter : Automatic Text Coding



Splitter Student

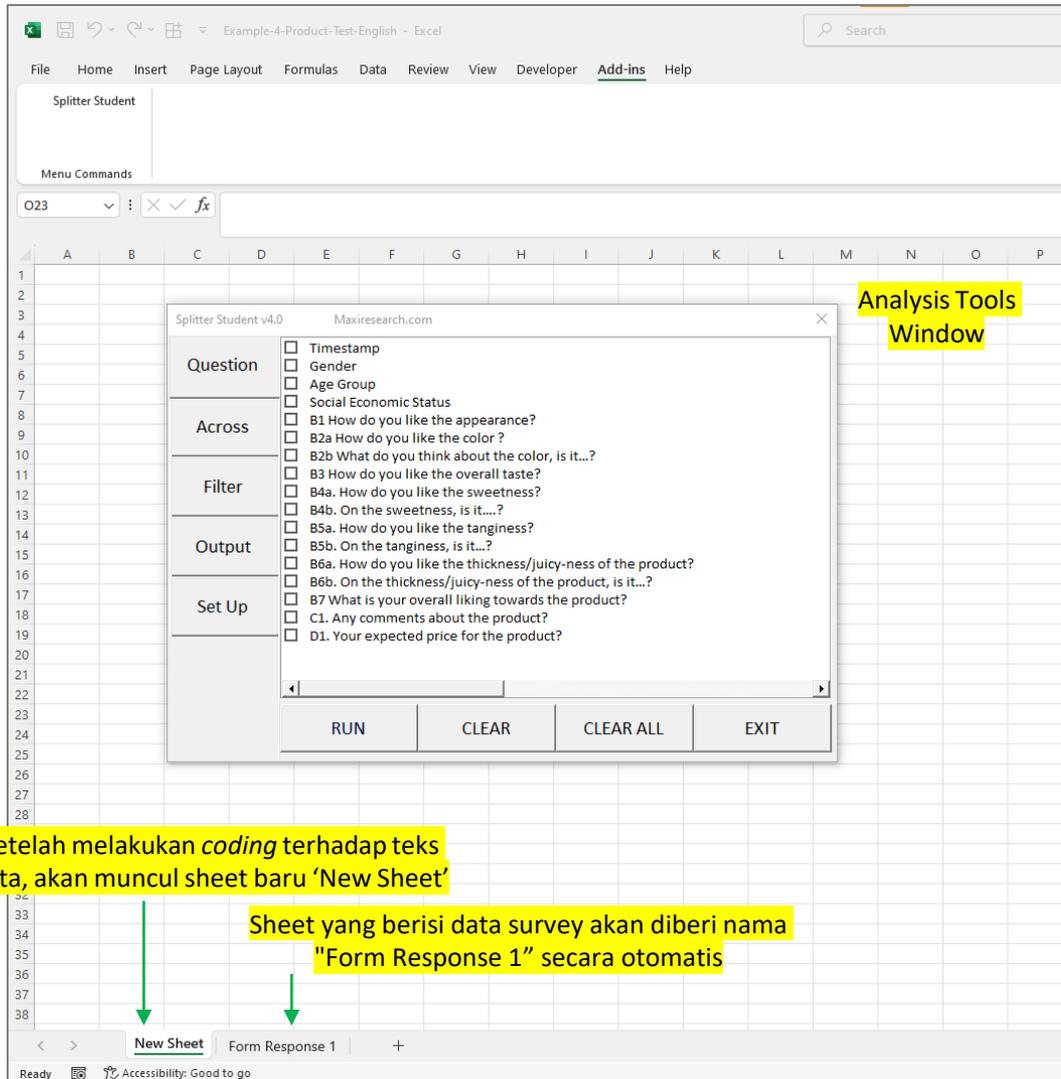
Tombol Splitter di tab Add-Ins

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Timestamp	Gender	Age Group	Social Economic Status	B1 How do you like the appearance?	B2a How do you like the color?	B2b What do you think about the color, is it...?	B3 How do you like the overall taste?	B4a. How do you like the sweetness?	B4b. On the sweetness, is it...?	B5a. How do you like the tanginess?	B5b. On the tanginess, is it...?	B6a. How do you like the thickness/juicy-ness of the product?	B6b. On the thickness/juicy-ness of the product, is it...?	B7 What is your overall liking towards the product?
1															
2	7/29/2015 22:47:31	Female	13 - 17 yo	Middle	Like	Like	Just right	ke somewh	Like	Just right	Like	Just right	Like	Just right	Like
3	7/29/2015 22:48:32	Male	13 - 17 yo	Middle low	Like	Like	Just right	ke somewht like some	bit too wea	Like	Just right	ke somewh	Just right	ke somew	
4	7/29/2015 22:49:32	Male	18 - 24 yo	Middle low	Like	ike very muc	Just right	ike very muc	Like	Just right	Like	Just right	Like	Just right	ike very mu
5	7/29/2015 22:50:33	Male	13 - 17 yo	Upper 1	Like	Like	Just right	Like	Like	Just right	Like	Just right	Like	Just right	Like
6	7/29/2015 22:51:34	Male	18 - 24 yo	Upper 1	Like	Like	Just right	ike very muc	Like	Just right	Like	Just right	Like	Just right	Like
7	7/29/2015 22:52:34	Male	18 - 24 yo	Middle	Like	Like	Just right	Like	Like	Just right	Like	Just right	Like	Just right	Like
8	7/29/2015 22:53:35	Male	13 - 17 yo	Middle low	ike very muc	Like	Just right	ike very muc	ike very muc	Just right	Like	Just right	Like	Just right	ike very mu
9	7/29/2015 22:54:36	Male	18 - 24 yo	Upper 2	Like	ke somewh	bit too stro	Like	Like	Just right	Like	Just right	Like	bit too wea	Like
10	7/29/2015 22:55:36	Male	18 - 24 yo	Middle low	Like	ike very muc	Just right	ike very muc	Like	Just right	Like	Just right	Like	Just right	ike very mu
11	7/29/2015 22:56:37	Male	18 - 24 yo	Middle	ke somewh	ike very muc	Just right	Like	Like	Just right	Like	Just right	So so	bit too wea	Like
12	7/29/2015 22:57:38	Female	13 - 17 yo	Upper 2	Like	ike very muc	Just right	ke somewh	ke somewh	bit too wea	Like	Just right	Like	Just right	Like
13	7/29/2015 22:58:38	Female	25 - 30 yo	Middle	ke somewh	ke somewh	bit too stro	Like	Like	Just right	Like	Just right	ke somewh	bit too wea	Like
14	7/29/2015 22:59:39	Male	13 - 17 yo	Middle	ke somewht	like some	bit too weake	somewh	like some	bit too weeb	like some	bit too weake	somewh	bit too weake	somew
15	7/29/2015 23:00:40	Female	18 - 24 yo	Upper 2	Do not like	Do not like	Too strong	Do not like	Do not like	bit too wea	Do not like	Too strong	Do not like	bit too weake	somew
16	7/29/2015 23:01:40	Female	25 - 30 yo	Upper 2	Like	Like	Just right	Like	ike very muc	Just right	ike very muc	Just right	ike very muc	Just right	Like
17	7/29/2015 23:02:41	Male	18 - 24 yo	Upper 1	bt like some	bt like some	bit too wes	Like	ike very muc	Just right	Like	Just right	bt like some	Too weak	ke somew
18	7/29/2015 23:03:42	Male	13 - 17 yo	Middle	ke somewh	ke somewh	bit too stro	ike very muc	ike very muc	Just right	ike very muc	Just right	ike very muc	Just right	ike very mu
19	7/29/2015 23:04:42	Female	25 - 30 yo	Upper 2	ike very muc	Like	Just right	ike very muc	Like	Just right	Like	Just right	Like	Just right	Like
20	7/29/2015 23:05:43	Male	18 - 24 yo	Middle low	So so	Like	Just right	Like	Like	Just right	Like	Just right	ke somewh	bit too stro	ke somew
21	7/29/2015 23:06:43	Female	18 - 24 yo	Middle low	Like	Like	Just right	ke somewh	Like	Just right	bt like some	bit too stro	Like	Just right	Like

## Menjalankan Splitter untuk Pertama Kali:

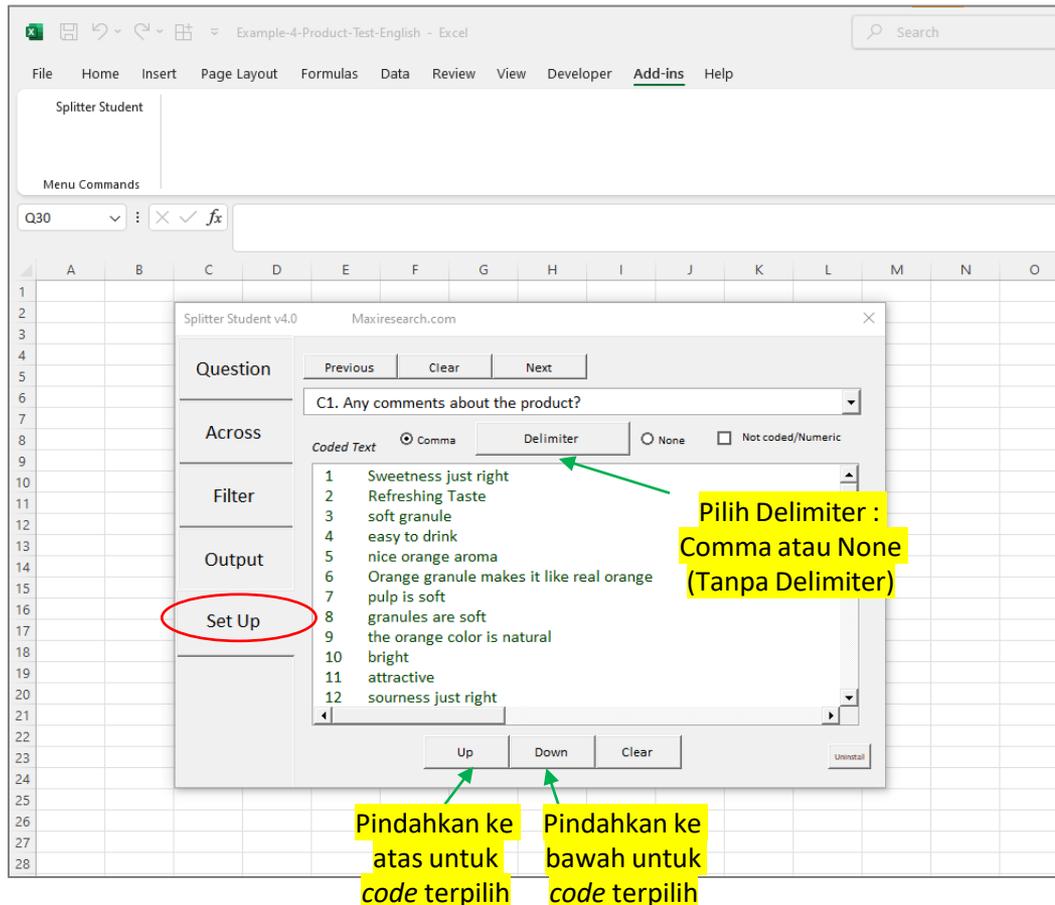
- 1. Buka Workbook Data Survei:** Mulai dengan membuka workbook / file Excel yang berisi data survei.
- 2. Sheet yang Aktif:** Jika workbook kamu hanya memiliki satu sheet dengan data survey, semuanya sudah siap. Namun, jika workbook kamu memiliki beberapa sheet, pastikan sheet yang berisi data survei dalam keadaan aktif (harus menjadi sheet terdepan, dengan data terlihat di layar).
- 3. Jalankan Splitter:** Setelah kamu berada di sheet data survey yang aktif, klik tombol "Splitter" di tab Add-Ins untuk memulai proses.
- 4. Pengkodean Data Teks:** Splitter akan secara otomatis melakukan *coding*, mengkodekan semua data teks dalam data survey. Tergantung pada ukuran dataset, proses ini mungkin memakan waktu beberapa menit atau lebih lama.

# Analysis Tools Window – Tab-Tab untuk Pembuatan Tabel dan Analisa



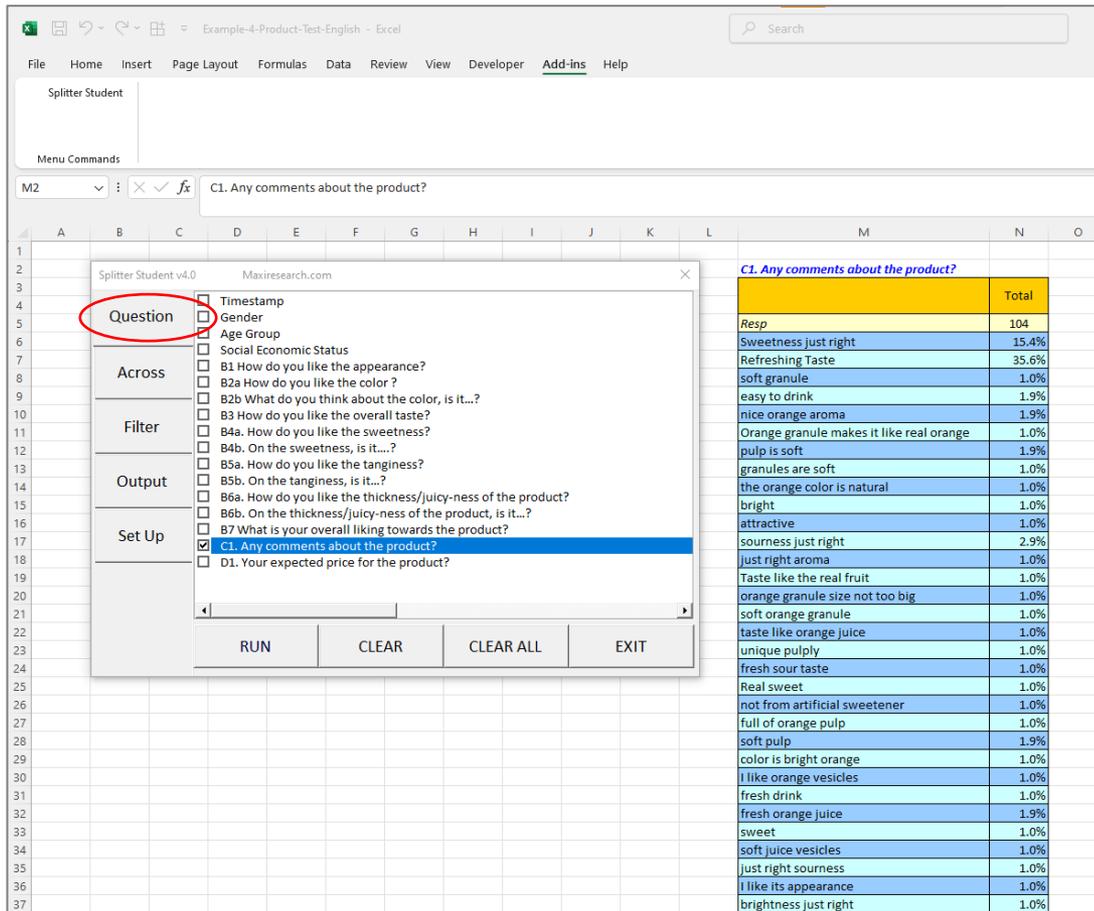
- Setelah selesai melakukan *coding* untuk data teks akan muncul Analysis Tools Window.
- Kamu sekarang dapat mulai membuat tabel menggunakan berbagai tab yang tersedia, termasuk *crostabulation* dan *filter* untuk analisis lebih mendalam.

# Tab Set Up – Mengatur Hasil dari Automatic Coding



- Di tab Set Up, kamu dapat melihat hasil *coding* untuk data teks dan menyesuaikan urutan *coding*.
- Ada dua jenis *coding* teks di Splitter: dengan pembatas (delimiter) koma dan tanpa pembatas.
  - Dengan pembatas koma, setiap teks di antara koma dianggap sebagai satu *code*, memungkinkan lebih dari satu *code* dalam satu sel.
  - Tanpa pembatas, semua teks di dalam sel dianggap sebagai satu *code*, termasuk tanda koma jika ada.
- Pengaturan *default coding* teks di Splitter adalah dengan pembatas koma.

# Tab Question – Membuat Tabel



The screenshot shows an Excel spreadsheet with a survey data table. The table has two columns: 'C1. Any comments about the product?' and 'Total'. The data rows list various comments and their corresponding percentages. A dialog box titled 'Splitter Student v4.0' is open, showing a list of questions. The 'Question' tab is selected, and 'C1. Any comments about the product?' is checked. The dialog box also has buttons for 'RUN', 'CLEAR', 'CLEAR ALL', and 'EXIT'.

C1. Any comments about the product?	Total
Resp	104
Sweetness just right	15.4%
Refreshing Taste	35.6%
soft granule	1.0%
easy to drink	1.9%
nice orange aroma	1.9%
Orange granule makes it like real orange	1.0%
pulp is soft	1.9%
granules are soft	1.0%
the orange color is natural	1.0%
bright	1.0%
attractive	1.0%
sourness just right	2.9%
just right aroma	1.0%
Taste like the real fruit	1.0%
orange granule size not too big	1.0%
soft orange granule	1.0%
taste like orange juice	1.0%
unique pulpy	1.0%
fresh sour taste	1.0%
Real sweet	1.0%
not from artificial sweetener	1.0%
full of orange pulp	1.0%
soft pulp	1.9%
color is bright orange	1.0%
I like orange vesicles	1.0%
fresh drink	1.0%
fresh orange juice	1.9%
sweet	1.0%
soft juice vesicles	1.0%
just right sourness	1.0%
I like its appearance	1.0%
brightness just right	1.0%

- Untuk membuat tabel, buka tab Question dan pilih satu atau lebih pertanyaan yang ingin kamu buat tabelnya.
- Tempatkan kursor di mana saja SELAIN di sheet survey data "Form Response 1". Klik Run.

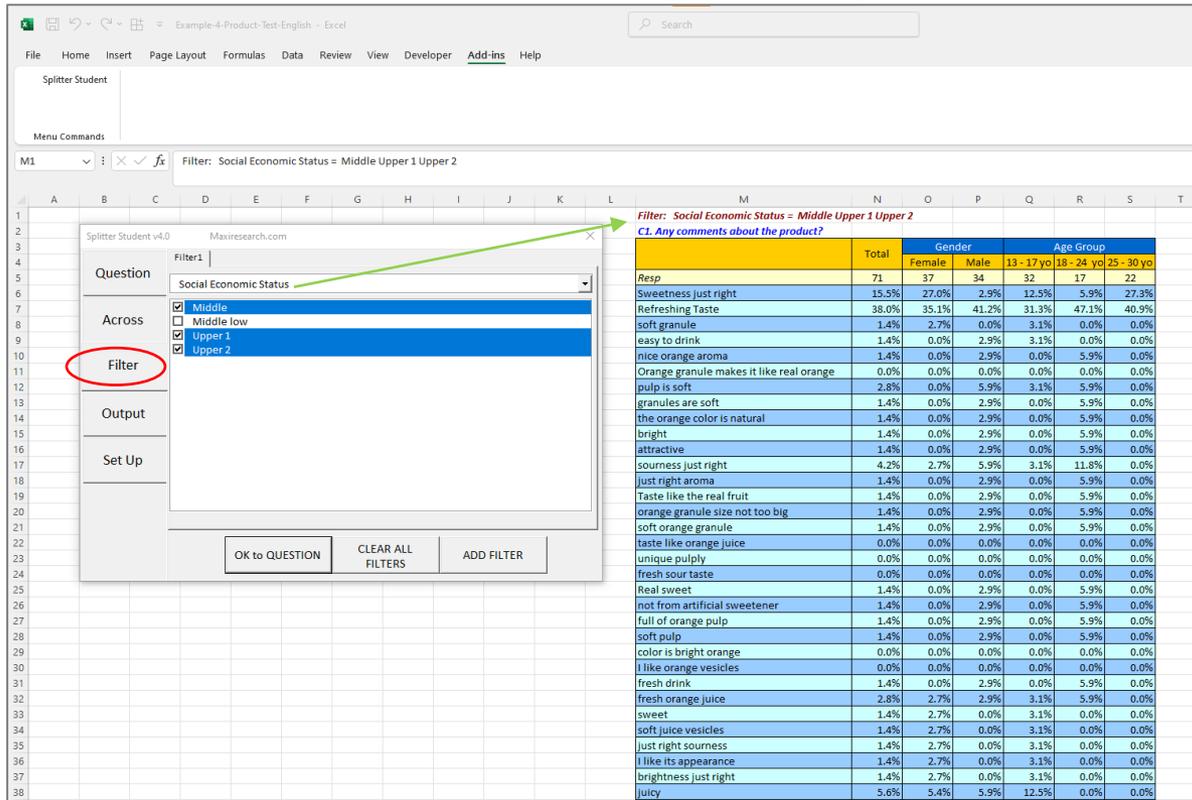
# Tab Across – Membuat Tabel *Crosstabulation*

The screenshot shows an Excel spreadsheet with a 'Splitter Student' dialog box open. The dialog box has a 'Question' section with a red circle around the 'Across' option. The 'Crosstabulation' table is visible in the background, showing data for 'C1. Any comments about the product?' with columns for Gender (Female, Male) and Age Group (13-17 yo, 18-24 yo, 25-30 yo).

Resp	Total	Gender		Age Group		
		Female	Male	13 - 17 yo	18 - 24 yo	25 - 30 yo
Sweetness just right	15.4%	25.0%	5.8%	15.2%	7.1%	23.3%
Refreshing Taste	35.6%	30.8%	40.4%	34.8%	39.3%	33.3%
soft granule	1.0%	1.9%	0.0%	2.2%	0.0%	0.0%
easy to drink	1.9%	0.0%	3.8%	4.3%	0.0%	0.0%
nice orange aroma	1.9%	0.0%	3.8%	2.2%	3.6%	0.0%
Orange granule makes it like real orange	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
pulp is soft	1.9%	0.0%	3.8%	2.2%	3.6%	0.0%
granules are soft	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
the orange color is natural	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
bright	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
attractive	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
sourness just right	2.9%	1.9%	3.8%	2.2%	7.1%	0.0%
just right aroma	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
Taste like the real fruit	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
orange granule size not too big	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
soft orange granule	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
taste like orange juice	1.0%	0.0%	1.9%	2.2%	0.0%	0.0%
unique pulpity	1.0%	0.0%	1.9%	2.2%	0.0%	0.0%
fresh sour taste	1.0%	0.0%	1.9%	2.2%	0.0%	0.0%
Real sweet	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
not from artificial sweetener	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
full of orange pulp	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
soft pulp	1.9%	0.0%	3.8%	0.0%	3.6%	3.3%
color is bright orange	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
I like orange vesicles	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
fresh drink	1.0%	0.0%	1.9%	0.0%	3.6%	0.0%
fresh orange juice	1.9%	1.9%	1.9%	2.2%	3.6%	0.0%
sweet	1.0%	1.9%	0.0%	2.2%	0.0%	0.0%
soft juice vesicles	1.0%	1.9%	0.0%	2.2%	0.0%	0.0%
just right sourness	1.0%	1.9%	0.0%	2.2%	0.0%	0.0%
I like its appearance	1.0%	1.9%	0.0%	2.2%	0.0%	0.0%
brightness just right	1.0%	1.9%	0.0%	2.2%	0.0%	0.0%
juicy	4.8%	3.8%	5.8%	10.9%	0.0%	0.0%

- Untuk membuat tabel *crosstabulation*, selain memilih pertanyaan di tab Question, pilih juga satu atau lebih pertanyaan di tab Across untuk dijadikan sebagai *header* kolom

# Tab Filter – Membuat Tabel Berdasarkan Kriteria Responden Tertentu



Filter: Social Economic Status = Middle Upper 1 Upper 2

Filter: Social Economic Status - Middle Upper 1 Upper 2

C1. Any comments about the product?

	Total	Gender		Age Group		
		Female	Male	13 - 17 yo	18 - 24 yo	25 - 30 yo
Resp	71	37	34	32	17	22
Sweetness just right	15.5%	27.0%	2.9%	12.5%	5.9%	27.3%
Refreshing Taste	38.0%	35.1%	41.2%	31.3%	47.1%	40.9%
soft granule	1.4%	2.7%	0.0%	3.1%	0.0%	0.0%
easy to drink	1.4%	0.0%	2.9%	3.1%	0.0%	0.0%
nice orange aroma	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
Orange granule makes it like real orange	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
pulp is soft	2.8%	0.0%	5.9%	3.1%	5.9%	0.0%
granules are soft	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
the orange color is natural	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
bright	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
attractive	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
sourness just right	4.2%	2.7%	5.9%	3.1%	11.8%	0.0%
just right aroma	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
Taste like the real fruit	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
orange granule size not too big	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
soft orange granule	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
taste like orange juice	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
unique pulp	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
fresh sour taste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Real sweet	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
not from artificial sweetener	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
full of orange pulp	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
soft pulp	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
color is bright orange	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I like orange vesicles	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
fresh drink	1.4%	0.0%	2.9%	0.0%	5.9%	0.0%
fresh orange juice	2.8%	2.7%	2.9%	3.1%	5.9%	0.0%
sweet	1.4%	2.7%	0.0%	3.1%	0.0%	0.0%
soft juice vesicles	1.4%	2.7%	0.0%	3.1%	0.0%	0.0%
just right sourness	1.4%	2.7%	0.0%	3.1%	0.0%	0.0%
I like its appearance	1.4%	2.7%	0.0%	3.1%	0.0%	0.0%
brightness just right	1.4%	2.7%	0.0%	3.1%	0.0%	0.0%
juicy	5.6%	5.4%	5.9%	12.5%	0.0%	0.0%

- Gunakan tab Filter untuk membuat tabel dengan responden yang memenuhi kriteria tertentu.
- Ini memungkinkan kamu untuk menghasilkan tabel untuk segmen tertentu, seperti responden dengan kelompok usia tertentu, lokasi, atau mereka yang memberikan jawaban spesifik pada pertanyaan tertentu.
- Kamu dapat menambahkan hingga 10 pertanyaan yang digunakan sebagai filter.

# Tab Output

The screenshot shows the 'Splitter Student v4.0' software interface with the following settings and annotations:

- Question**: Tab selected.
- Across**: Tab selected.
- Filter**: Tab selected.
- Output**: Tab selected (circled in red).
- Set Up**: Tab selected.
- Result**:  Percentage,  Count.
- Percentage Base**:  All Respondents,  Respondents with Answers.
- Average**:  No Average,  Average.
- Std Dev**:  No Std Dev,  Std Dev.
- Top Box %**:  Dont Show,  Top 1 Box,  Top 2 Boxes,  Top 3 Boxes.
- Significant Test**:  No test (95%),  Means,  Top Box %.
- Table Color Theme**: Color Theme 1.
- License**: License button.
- OK to QUESTION**: Button at the bottom.

Annotations:

- Tabel dalam angka persen atau jumlah**: Points to the 'Result' section.
- Untuk kasus dimana terdapat data kosong, pilih apakah akan memasukkan juga data kosong sebagai base responden atau hanya responden dengan jawaban**: Points to the 'Percentage Base' section.
- Menampilkan angka average (dari angka code).**: Points to the 'Average' section.
- Menampilkan standar deviasi (dari angka code)**: Points to the 'Std Dev' section.
- Significant test untuk means atau proporsi (Proporsi dari Top 1, Top2 or Top 3 Boxes)**: Points to the 'Significant Test' section.
- Menampilkan angka persen Top 1, Top 2, Top 3 Boxes (dari code). Sering digunakan untuk pertanyaan skala untuk penggabungan dari skala.**: Points to the 'Top Box %' section.
- Ke tab Question**: Points to the 'OK to QUESTION' button.
- Pilih tema warna tabel**: Points to the 'Table Color Theme' dropdown.

# Menambahkan and Menghapus Data

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- Untuk menambahkan data survey, lanjutkan data pada baris setelah baris terakhir di survey data sheet “Form Response 1”.
  - Tidak boleh terputus / ada baris kosong diantaranya.
- Untuk menghapus data, hapus baris tempat data tersebut berada.
  - Jangan lupa, pada format data survei, pastikan kolom pertama berisi ID responden (atau Timestamp yang dapat digunakan sebagai ID).

# Formula

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- For mean significant difference:

$$t = \frac{|m_1 - m_2|}{\sqrt{s_1^2/n_1 + s_2^2/n_2}}$$

- For proportion significant difference:

$$z = \frac{|p_1 - p_2|}{\sqrt{\frac{\bar{p}(1 - \bar{p})}{n_1} + \frac{\bar{p}(1 - \bar{p})}{n_2}}}$$

$$\bar{p} = \frac{p_1 n_1 + p_2 n_2}{n_1 + n_2}$$

**TERIMAKASIH**

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