

Australian AID



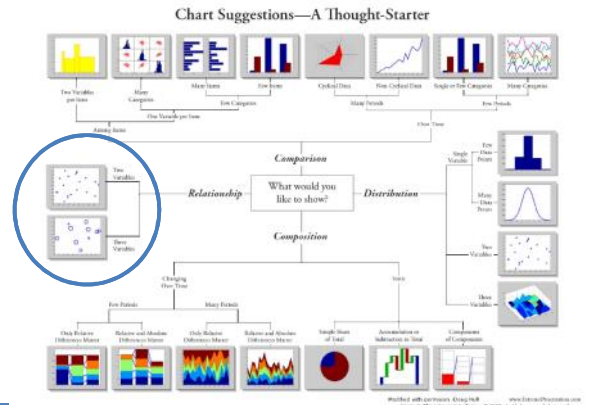

Excel tingkat menengah – Bagan (lanjutan)

Location
Date
Name



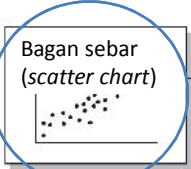
AUSTRALIA-INDONESIA PARTNERSHIP FOR EMERGING INFECTIOUS DISEASES

Chart Suggestions—A Thought-Start




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HUBUNGAN (1)




Bagan sebar (scatter chart)

Dua variabel



Bagan gelembung

Tiga Variabel



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HUBUNGAN (2)

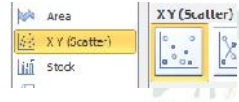
SET DATA


- Biro Statistika Australia
- Census At School <http://www.abs.gov.au/web/sitedbs/CaSHome.nsf/Home/Home>
- Data sensus 2012 pada siswa pria kelas 12
 - Sampel acak
 - 40 siswa

TUGAS

- Apakah ada **hubungan** antara panjang telapak kaki kanan (cm) dan tinggi siswa (cm)?

BAGAN YANG MANA?





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HUBUNGAN (3)

MULAI

- Lembar kerja SISWA
- Periksa data
 - Beri komentar!
- Buat tabel Excel
 - Namai **SISWATable**

CATATAN

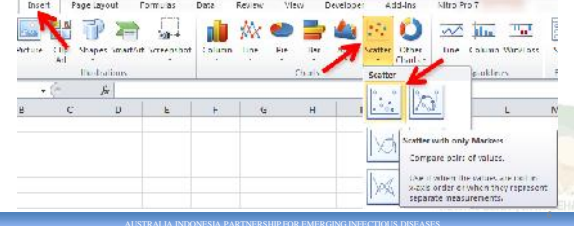
- Tabel Pivot mengelompokkan butir informasi berdasarkan kategori
 - jumlah
 - hitung
- Kita tidak menggunakan kategori.
- Kita tidak dapat mendasarkan bagan kita pada suatu tabel pivot.



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Plot sebar (scatter plot) (1)

- Gunakan lembar kerja baru
- Namai SCATTER
- Sisipkan suatu plot sebar (scatter plot)



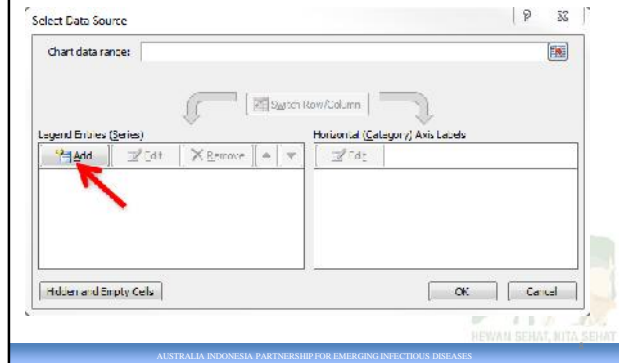
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Scatter plot (2)

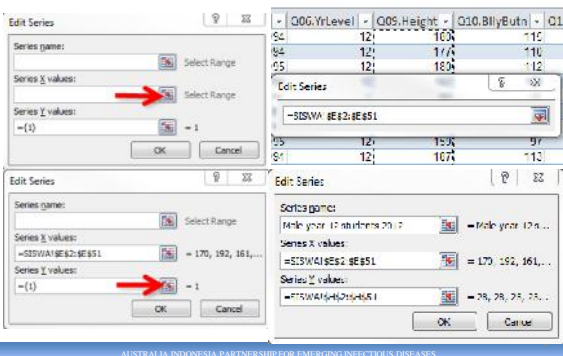
- Kita memiliki kerangka bagan yang kosong!
- Klik **Select Data** dari kelompok **Data** pada tab **Design** di **Chart Tools**



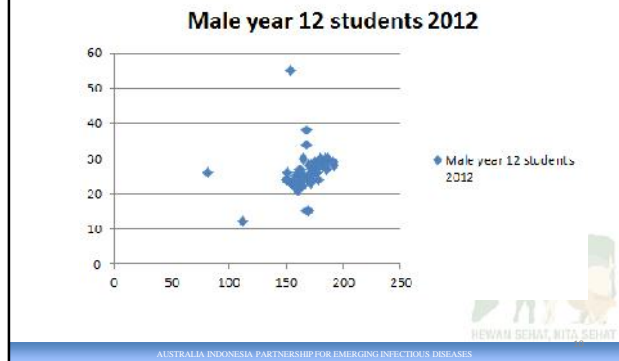
Scatter plot (3)



Scatter plot (4)

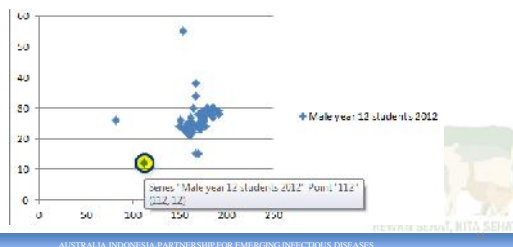


Scatter plot (5)



Scatter plot (6) – periksa data

- Periksa *outliers*
 - Titik data ekstrem
 - Apa yang harus dilakukan?
- Bawa tetikus (*mouse*) ke atas titik-titik data
- Gunakan filter tabel



Scatter plot (7) - peningkatan

- Judul
 - tambahkan
 - horisontal
 - vertikal
 - hilangkan
 - Judul bagan
- legenda
 - hilangkan
- Set ulang posisi awal sumbu
 - horisontal
 - 80
 - vertikal (y)
 - 10
- Garis grid
 - Tambahkan vertikal
 - Samarkan garis

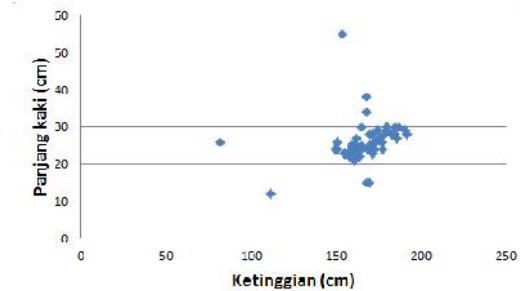
Scatter plot (8) - desain

- Pilihlah desain yang memiliki sebagian besar hal yang kita butuhkan, lalu hilangkan bagian-bagian yang tak perlu



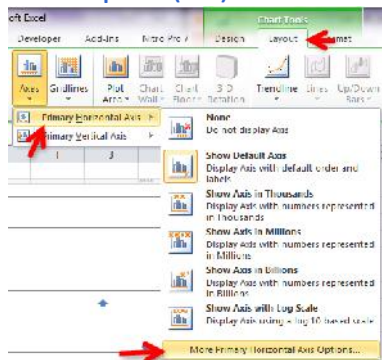
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Scatter plot (9)



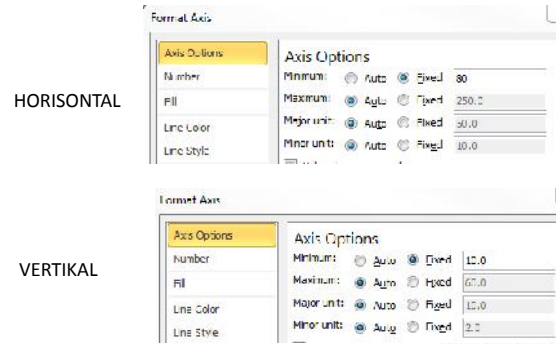
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Scatter plot (10) – titik awal



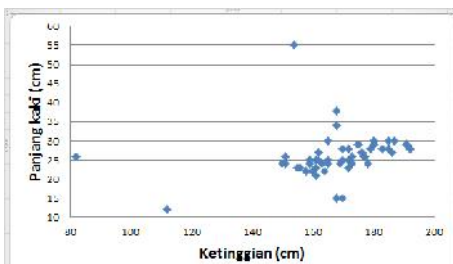
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Scatter plot (10) – titik awal



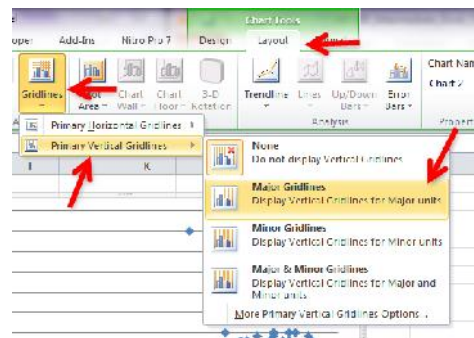
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Scatter plot (11)

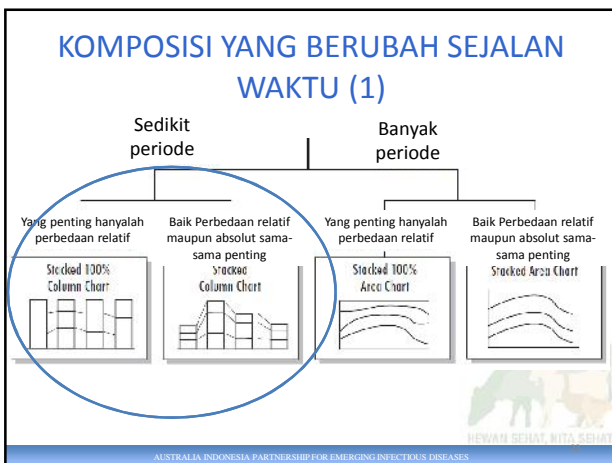
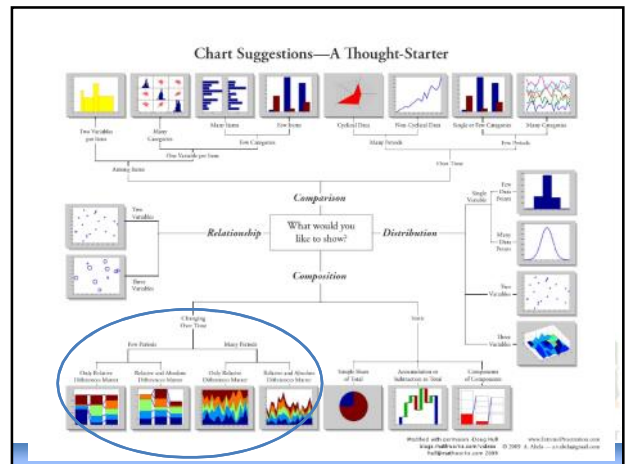
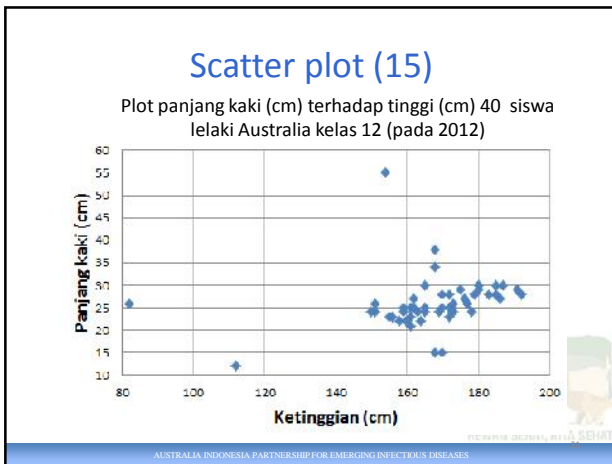
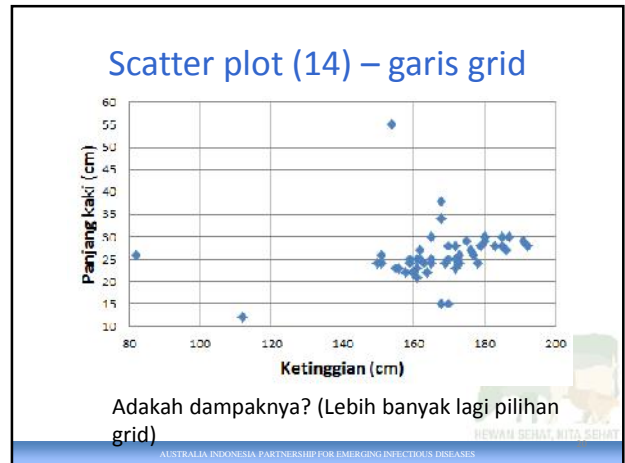
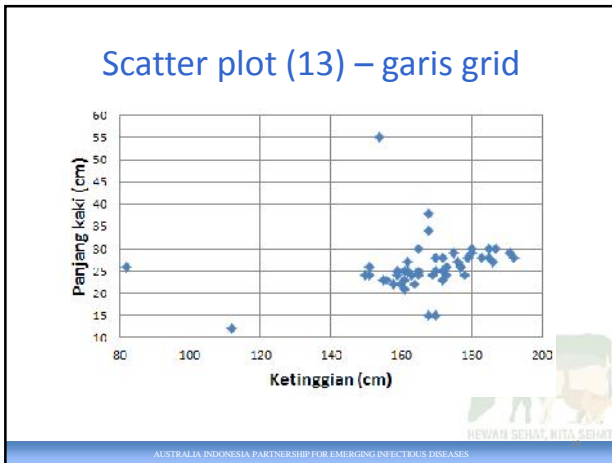


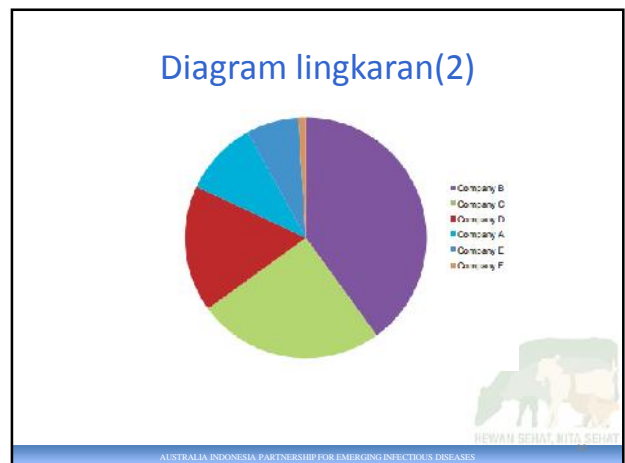
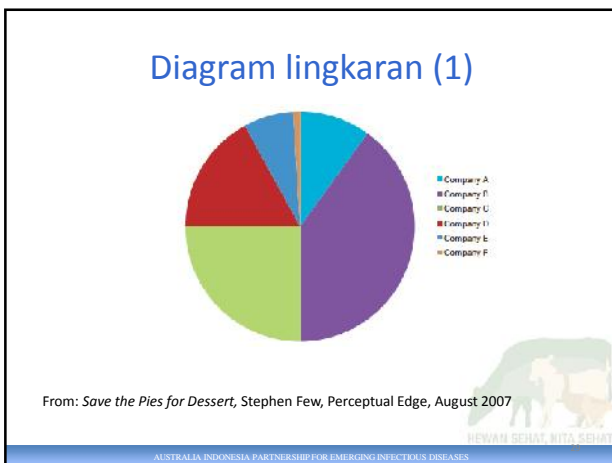
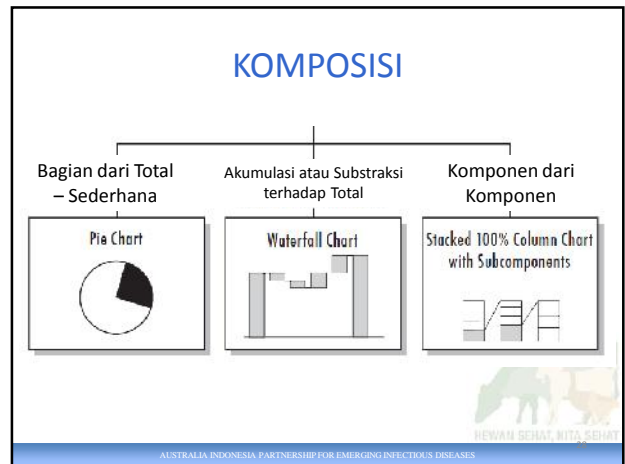
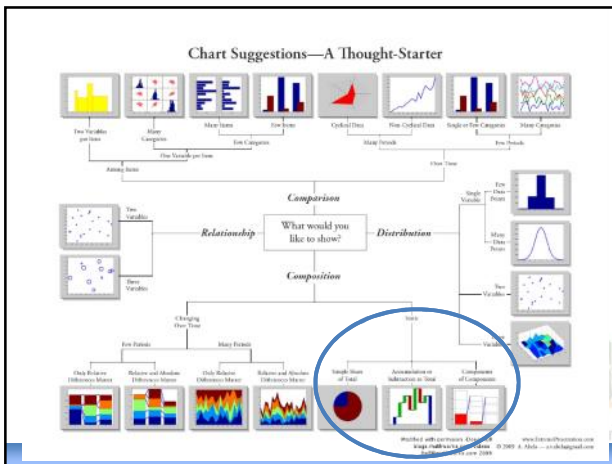
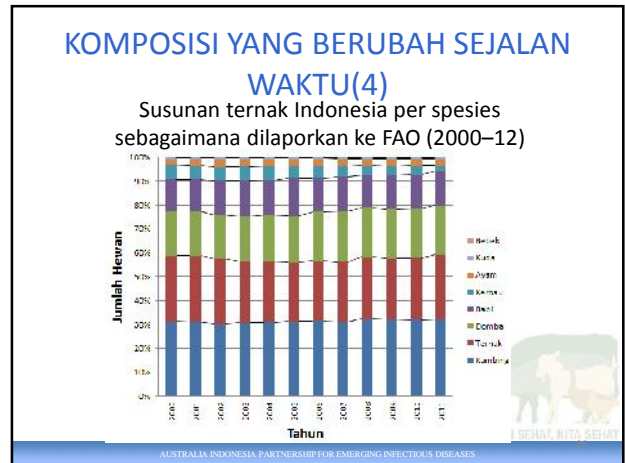
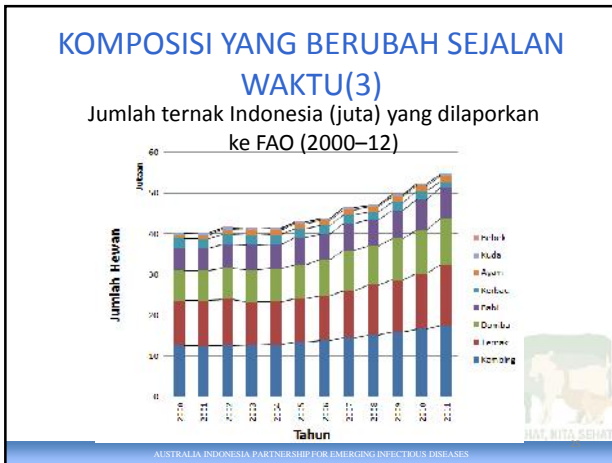
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Scatter plot (12) – garis grid



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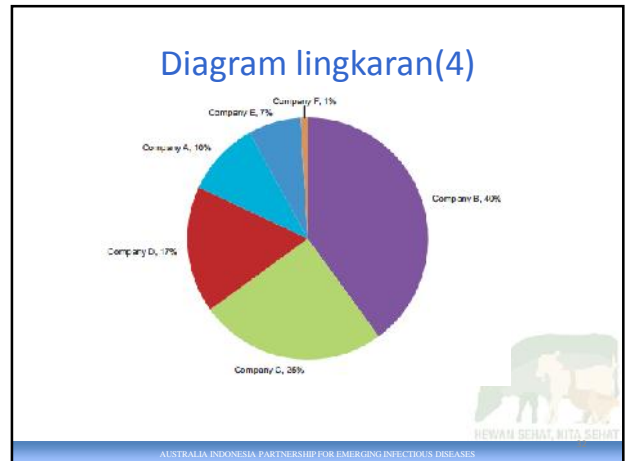
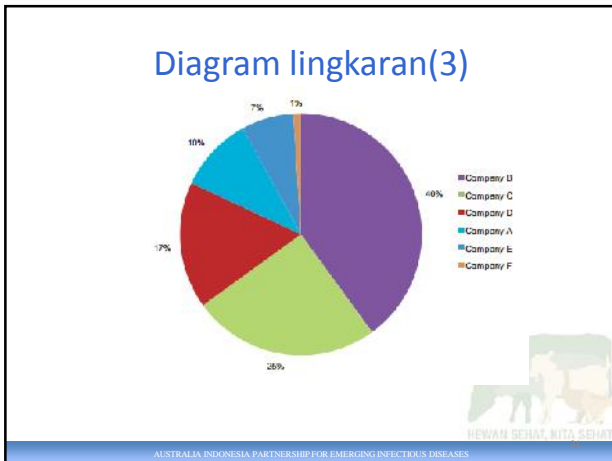


Diagram lingkaran(5)

Companies	Percentage
Company B	40
Company C	25
Company D	17
Company A	10
Company E	7
Company F	1
Total	100

