

Chapter 2 - Frequency Distributions and Graphs

EXERCISE SET 2-1

1. Frequency distributions are used to organize data in a meaningful way, to determine the shape of the distribution, to facilitate computational procedures for statistics, to make it easier to draw charts and graphs, and to make comparisons among different sets of data.

2. Categorical distributions are used with nominal or ordinal data, ungrouped distributions are used with data having a small range, and grouped distributions are used when the range of the data is large.

3. Five to twenty classes. Width should be an odd number so that the midpoint will have the same place value as the data.

4. An open-ended frequency distribution has either a first class with no lower limit or a last class with no upper limit. They are necessary to accommodate all the data.

5.

Boundaries: 57.5 – 62.5

Midpoint: 60

Width: 5

6.

Boundaries: 124.5 – 131.5

Midpoint: 128

Width: 7

7.

Boundaries: 16.345 – 18.465

Midpoint: 17.405

Width: 2.12

8.

Boundaries: 16.25 – 18.55

Midpoint: 17.4

Width: 2.3

9. Class width is not uniform.

10. Class limits overlap, and class width is not uniform.

11. A class has been omitted.

12. Class width is not uniform.

13.

Class	<i>f</i>	Percent
V	6	12
C	7	14
M	22	44
H	3	6
P	12	24
	50	100

The mocha flavor class has the most data values and the hazelnut class has the least number of data values.

14.

Class	<i>f</i>	Percent
A	4	10%
M	28	70%
H	6	15%
S	2	5%
	40	100%

15.

Limits	Boundaries	<i>f</i>
0	-0.5 - 0.5	2
1	0.5 - 1.5	5
2	1.5 - 2.5	24
3	2.5 - 3.5	8
4	3.5 - 4.5	6
5	4.5 - 5.5	4
6	5.5 - 6.5	0
7	6.5 - 7.5	1
		50

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STATISTIKA TERAPAN UNTUK BISNIS DAN EKONOMI Prof. Dr. Ir. Sugiarto, M.Sc., Ir. Hongyanto Setio, MBA., 2021-04-07 Statistika berperan penting membantu mahasiswa menyelesaikan perkuliahan Namun banyak mahasiswa mengalami kesulitan dalam memahami statistika karena berbagai faktor Salah satunya adalah keterbatasan sumber dan kesempatan untuk lebih mendalami materi materi statistika Dalam kesempatan tatap muka di kelas materi Statistika yang disampaikan ke mahasiswa sedemikian padat sehingga mahasiswa kurang waktu untuk berlatih dan memahaminya Buku Statistika Terapan untuk Bisnis dan Ekonomi ini disajikan sebagai salah satu sarana yang memungkinkan mahasiswa lebih mendalami materi materi statistika dan kegunaan praktisnya Buku ini berisi 16 bab yang memaparkan tentang statistika deskriptif hingga statistika inferensia Buku ini juga menjelaskan terkait penggunaan konsep konsep statistika untuk menyelesaikan permasalahan keseharian Setiap awal bab diberi pengantar yang mengemukakan esensi dari bab yang bersangkutan sehingga pembaca akan lebih jelas memahami topik bahasan yang dipaparkan Selain itu pembaca juga akan lebih mendalami konsep konsep yang diulas karena melimpahnya materi dan latihan soal soal sekaligus penyelesaiannya yang disampaikan dengan bahasa sederhana dan komunikatif *Elementary Statistics* Allan G. Bluman, Gerry Moultime, 2000-08 **METODE PENELITIAN CAMPURAN UNTUK PARIWISATA** Prof. Dr. Ir. Sugiarto, M.Sc., Dr. Damiasih, M.M., M.Par., CHE., CGSP, Assoc. Prof. Dr. Tonny Hendratono, S.E., M.M., CHE., Prof. John JOI Ihalaui, S.E., Ph.D., CHE., Tutut Herawan, Ph.D., CHE., 2023-08-31 Metode penelitian campuran mixed methods research merupakan perpaduan metode penelitian kuantitatif dan metode penelitian kualitatif menggabungkan kekuatan penelitian kualitatif serta kuantitatif untuk mengatasi kelemahan masing masing metode Penggunaan metode penelitian campuran memungkinkan peneliti untuk memperoleh pemahaman yang lebih mendalam lebih lengkap tentang masalah penelitian dibandingkan bila penelitian hanya dilakukan dengan menggunakan pendekatan penelitian kualitatif atau pendekatan penelitian kuantitatif semata Buku Metode Penelitian Campuran untuk Pariwisata ini berisi pengetahuan mengenai hal hal mendasar tetapi komprehensif yang diperlukan untuk melakukan penelitian campuran di bidang pariwisata Buku ini berisikan 16 bab yang mengemukakan secara sistematis pengetahuan komprehensif mengenai konsep pendekatan metode dan prosedur dalam melakukan penelitian campuran terkait pariwisata Buku ini juga mengulas berbagai isu yang sering menjadi pertanyaan baik di kalangan mahasiswa pembimbing penguji maupun para peneliti terkait praktik pelaksanaan penelitian campuran untuk pariwisata Buku ini dapat menjadi acuan utama bagi mata kuliah Metode Penelitian Campuran untuk Pariwisata pada jenjang S I jenjang

S 2 hingga jenjang S 3 Buku ini juga dapat digunakan sebagai rujukan oleh para peneliti pemula di samping juga berguna sebagai materi penyegaran bagi para peneliti yang sudah berpengalaman maupun bagi para dosen yang mengampu mata kuliah Metode Penelitian Materi materi yang disajikan di buku ini dikemukakan secara ringkas sederhana menekankan pada inti kegunaan dari tiap konsepnya sehingga diharapkan dapat memudahkan pemahaman pembaca terhadap penerapan metode penelitian campuran untuk pariwisata

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Metode penelitian kualitatif membahas tujuan penelitian melalui berbagai teknik yang memungkinkan peneliti untuk memberikan interpretasi terhadap fenomena yang menjadi perhatian tanpa tergantung pada pengukuran numerik Tujuan penelitian kualitatif ini adalah untuk mengembangkan pemahaman terperinci dan mendalam terhadap beberapa fenomena untuk mempelajari bagaimana fenomena terjadi dalam tatanan alami atau untuk belajar bagaimana mengekspresikan beberapa konsep dalam istilah sehari-hari Metode penelitian kualitatif ini berguna pada saat diperlukan sebuah pendekatan baru untuk mempelajari masalah pada kondisi peneliti sulit untuk mengembangkan pernyataan tertentu dan saat peneliti sulit untuk mengembangkan pernyataan keputusan yang dapat ditindaklanjuti Fokus penelitian kualitatif adalah pada menemukan makna yang sejati dan atau memperoleh wawasan baru Buku Metode Penelitian Kualitatif untuk Pariwisata ini berisi pengetahuan mengenai hal-hal mendasar tetapi komprehensif yang diperlukan untuk melakukan penelitian kualitatif di bidang pariwisata Buku ini mengemukakan secara sistematis pengetahuan komprehensif mengenai konsep pendekatan metode dan prosedur dalam melakukan penelitian kualitatif terkait pariwisata Buku ini juga mengulas berbagai isu yang sering menjadi pertanyaan baik di kalangan mahasiswa pembimbing penguji maupun para peneliti terkait praktik pelaksanaan penelitian kualitatif untuk pariwisata Buku ini dapat menjadi acuan utama bagi mata kuliah Metode Penelitian Kualitatif untuk pariwisata pada jenjang S 1 jenjang S 2 hingga jenjang S 3 Buku ini juga dapat digunakan sebagai rujukan oleh para peneliti pemula di samping itu juga berguna sebagai materi penyegaran bagi para peneliti yang sudah berpengalaman maupun bagi para dosen yang mengampu mata kuliah Metode Penelitian Materi materi yang disajikan di buku ini dikemukakan secara ringkas sederhana menekankan pada inti kegunaan dari tiap konsepnya sehingga diharapkan dapat memudahkan pemahaman pembaca terhadap penerapan metode penelitian kualitatif untuk pariwisata

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