		https://selldocx	.com/products/tes	t-bank	(-bu	sines	ss-analytics-4e-	camm
Name				Class				Dat
:			:	_				_e:
<u>chapter 1</u>								
Indicate ti	he a	nswer choice that b	est completes the state	ement o	or ans	swers	the question.	
		to a programming me reduce step.	odel used within Hadoo	p that p	erfori	ns the	two major steps for	r which it is named: the
map step a	114 11	a. MapReduce	;					
		-	Γhings (IoT)					
		c. Advanced a	• , ,					
		d. Optimization	•					
2. as	ssigr	s values to outcomes	s based on the decision n	naker's	attitu	de tov	vard risk, loss, and o	other factors.
a	_	Simulation optimizati				b.	Utility theory	
c	. (Optimization model				d.	Data dashboard	
3. Optimiz	atior	models can be used	to					
a.	asse	ess the risk of investr	nent portfolios					
b.	fore	ecast future financial	performance					
c.	suc	cessfully manage cor	nmercial real estate risk					
d.	dec	ide on how to invest	cash received from insu	rance p	olicie	S		
		vel managers use single screen.	to summarize sales	by regi	on, c	urrent	inventory levels, ar	nd other company-wide
	a.	simulations			b.	cross	stabulation	
	c.	data dashboards			d.	table	es .	
5. Which o	of the	following best exem	plifies big data?					
a. Fiv	ve hu	ındred Facebook usei	rs upload one thousand p	oictures	per d	ay.		
	_	one owners around the bon a daily basis.	e world generate vast ar	nounts	of dat	a by c	calling, texting, twee	eting, and browsing
		•	ts data from those that so	can thei	r lova	ltv ca	rd.	
		-	customer purchases to se		-	-		
6. A			-level issues and is concast for the organization's		vith tl	ne ove	erall direction of the	organization, defining
	3	a.	strategic	10000101				
		b.	tactical					
		c.	intuitive					
		d.	operational					
	stor	es across the major a a(n)	-based retail seller of hil reas of the city to help co		nent it	s Inte	rnet-based strategy.	
a	ι.	tactical decision		b.	-		al decision	
c	: .	strategic decision		d.	fina	ncial d	decision	

8. A retail store owner offers a discount on product A and predicts that the customers would purchase products B and C in

Name :	Class	Dat e:
chapter 1		
addition to product A. Identify the technique used to	make such a	orediction.
a. Data query	b. 1	Simulation
c. Data mining	d.	Data dashboards
distributed processing on clusters of computers. a. Hadoop b. Excel c. Java	nt that support	s big data processing through distributed storage and
d. MapReduce		
10. Data dashboards are a type ofanalytics. a. predictive c. prescriptive		b. descriptived. decision
11. Which of the following sources of big data is not	publicly avail	able?
a. Twitter		
b. Weather data		
c. Medical records		
d. Sports records		
12. A forecast that helps direct police officers to area	s where crime	es are likely to occur based on past data is an example
of		
a. predictive analytics		b. decision analysis
c. prescriptive analytics		d. descriptive analytics
13. When a decision maker is faced with several alter	rnatives and a	n uncertain set of future events, s/he uses to
develop an optimal strategy.		
a. utility theory	•	redictive analytics
c. data mining	d. de	ecision analysis
14 refers to the technology that allows data, c Internet to repositories where it can be stored and and a. Internet of Things (IoT) b. MapReduce c. Hadoop d. Advanced analytics		sensors in all types of machines, to be sent over the
15 is the most critical step of the decision-ma	king process.	
a. Choosing an alternative		fying and defining the problem
c. Evaluating the alternatives	d. Deter	mining the set of alternatives
16. Data-driven decision making tends to decrease a	firm's	
a. market value		b. productivity
c. risk		d. profit

Name :		Class :			Dat e:
<u>chapter 1</u>					
17 analytics are techniques impact of one variable on another		onstructed from p	ast d	lata, to	predict the future or to ascertain the
a.	Predictive				
b.	Descriptive				
c.	Simulation				
d.	Prescriptive				
18. A better understanding of con-	sumer behavior thro	ugh analytics dir	ectly	leads	to
a. more profits		b.	bett	ter prio	cing strategies
c. reduced advertising c	osts	d.	red	uced r	isk
19. Tactical decisions are concern	ed with				
a. the day-to-day activities	of the organization				
b. the goals and plans of th	e organization				
c. the domain of operations	s managers, who are	close to the cust	ome	r	
d. how the organization sho	ould achieve the goa	als and objectives	s set 1	by its	strategy
20 analytics use technique	s that take input data	a and yield a best	t cou	rse of	action.
a.	Prescriptive				
b.	Simulation				
c.	Strategic				
d.	Operational				
21. A light bulb manufacturer use	•				
a. to present supply chain to	-				
b. to achieve efficiency in d					
c. to schedule staff and vehi	•				
d. to plan capacity utilizatio	n by incorporating t	he inherent unce	rtain	ty in c	commodities pricing.
22. In the spectrum of business an	•	most complex?			
a.	Descriptive				
b.	Predictive				
c.	Prescriptive				
d.	Operational				
		_			cluded in each shipment, the date each
shipment was sent, and so on from a. spreadsheet model	_	=	b.	_	dashboards
c. data mining			d.		queries
24. are used in the pharmac	centical industry to a	ussess the risk of	intro	ducin	o a new druo
a. Data dashboards	Januar maastry to d	assess the list of	111110	b.	Charts
c. Spreadsheet mod	els			d.	Simulations

Name :	Class :	Dat e:
<u>chapter 1</u>		
25. In order to manage an organization's human resourcemployee retention, HR personnel use	e activities, suc	th as hiring employees, tracking, and influencing
a. descriptive and predictive analytics.	b. desc	criptive and prescriptive analytics.
c. predictive and prescriptive analytics.	d. pred	lictive analytics.
26. Advanced analytics generally refers to		
a. descriptive and prescriptive analytics		b. simulation
c. predictive and prescriptive analytics		d. decision analysis
27. Which of the following analytical techniques helps		
a. Predictive analytics		Data mining
c. Prescriptive analytics	d.	Descriptive analytics
28. Which one of the following is used in predictive and	•	
a. Data dashboard		inear regression
c. Data visualization	d. O	optimization model
29. In the financial sector, are used to construct f	inancial instrum	
a. descriptive and prescriptive models		b. predictive models
c. descriptive models		d. prescriptive models
30. Utility theory is the study of the or relative do maker's attitude toward a collection of factors, such as particular and total worth b. total cost c. feasibility d. financial wellness		
31. Which of the following is not an approach to makin	g decisions?	
a. Tradition		of thumb
c. Intuition	d. Guess a	and check
32. A decision is concerned with how the organization at a tactical b. strategic c. intuitive d. operational	zation should ac	chieve the goals and objectives set by its strategy.
 33. Simulation optimization helps a. in identifying the constraints of the situation b. to find good decisions in highly complex and c. in assigning values to outcomes d. to model certainty using optimization technic 		in settings
34. The U.S. Internal Revenue Service uses to id Copyright Cengage Learning. Powered by Cognero.	•	that distinguish questionable annual personal

Name :		:	lass _		Dat e:
chapter 1					
income tax i	utility theory	b. d.	_	criptive analytic sion analysis	S
35. The deci	isions concerning an organization's goal financial decisions strategic decisions	ls and futu		•	ons
	at are too large or too complex to be hand called	dled by sta	andar	d data-processir	g techniques and typical desktop
37. A data _	is a request to obtain information	with certa	in cha	aracteristics fror	n a database.
38. A mathe	ematical model that gives the best decisi	on, subjec	t to th	ne situation's co	nstraints, is an a(n)
39. Business	s analytics is the process of trans	forming da	ata in	to insight for ma	aking better decisions.
40. A decisi	on concerned with how the organization	n is run fro	om da	y to day is knov	vn as a(n)
41. Veracity	has to do with how muchis in th	e data.			
42. An incre	ease in data would help to protect	stored da	ta fro	m destructive fo	orces or unauthorized users.
43. A dashb performance	oard is a collection of tables, charts, and	l maps to	help r	nanagement	selected aspects of the company's
44. The use	of analytical techniques for better under	rstanding _]	patter	ns and relations	hips that exist in large data sets is
45 an	re analytical tools that describe what has	s happened	d.		
46. The use at hand is ca	of probability and statistics to construct alled	a comput	er mo	odel to study the	impact of uncertainty on the decision
47. A data _ amounts of o	is trained in both computer scienc data.	e and stati	istics	and knows how	to effectively process and analyze large
	nay be used to develop an optimal strate rtain set of future events.	gy when a	decis	sion maker is fa	ced with several decision alternatives
49 aı	nalytics is the analysis of online activity	, such as v	visits	to websites or s	ocial media.
	he 4 Vs of big data that refers to uncerta eption, and model approximations is		o data	a inconsistency	and incompleteness, ambiguities,
51. Predictiv	ve and prescriptive analytics can also be	referred t	o as _	·	

Name	Class	Dat
	•	۵.
	•	℧.

chapter 1

- 52. What are the four V's of big data?
- 53. With the rise of big data, increased attention is being paid to legal and ethical issues. INFORMS has established certain guidelines. Briefly discuss.

Name	Class	Dat
	•	Δ.
		C .

chapter 1

Answer Key

- 1. a
- 2. b
- 3. d
- 4. c
- 5. b
- 6. a
- 7. c
- 8. c
- 9. a
- 10. b
- 11. c
- 12. a
- 13. d
- 14. a
- 15. b
- 16. c
- 17. a
- 18. b
- 19. d
- 20. a
- 21. a
- 22. c
- 23. d
- 24. d

Name :	Class :	Dat e:
<u>chapter 1</u>		
25. a		
26. c		
27. с		
28. b		
29. b		
30. a		
31. d		
32. a		
33. b		
34. c		
35. c		
36. big data		
37. query		
38. optimization model		
39. scientific		
40. operational decision		
41. uncertainty		
42. security		
43. monitor		
44. data mining		
45. Descriptive analytics		
46. simulation		

47. scientist

49. Web

48. Decision analysis

Name	Class	Dat
		۵.

chapter 1

- 50. veracity
- 51. advanced analytics
- 52. Volume, Velocity, Variety, Veracity
- 53. Answers may vary by student.