THE MCKINSEY WAY

DRAW SMART INSIGHTS FROM LIMITED DATA

EMPHASIS ON SKILFUL TRIANGULATION AND SYNTHESIS

THE GOOGLE WAY

DRAW SMART INSIGHTS FROM AN OCEAN OF DATA

EMPHASIS ON SOPHISTICATED MODELLING

DRAW JORT ROWN MORELS MART FROMBOTTOIM-UP MODELSMAN

EMPHASIS ON SKILFUL TRIANGULATION AND SYNTHESIS

EMPHASIS ON SOPHISTICATED MOPELLING

LIFE IS A SERIES OF TRAPE-OFFS

LIFE IS A SERIES OF TRAPE-OFFS

TASTY OR HEALTHY?

MONEY OR PASSION?

LOOKS OR BRAINS?

FAMILIAR OR EXCITING?

LIFE IS A SERIES OF TRAPE-OFFS

TRAPE-OFFS REQUIRE PECISIONS

LIFE IS A SERIES OF PECISIONS

LIFE IS A SERIES OF PECISIONS

WHAT TO WEAR?

WHAT TO EAT?

WHERE TO EAT?

WHOM TO MEET?

PECISIONS ARE CRUCIAL IN BUSINESS TOO

PECISIONS ARE CRUCIAL IN BUSINESS TOO

WHAT TO SELL?

WHEN TO SELL?

WHERE TO SELL?

WHOM TO SELL TO?

IN BUSINESS, AND IN LIFE WE TAKE DECISIONS BASED ON DATA

IN BUSINESS, AND IN LIFE WE TAKE PECISIONS BASED ON PATA

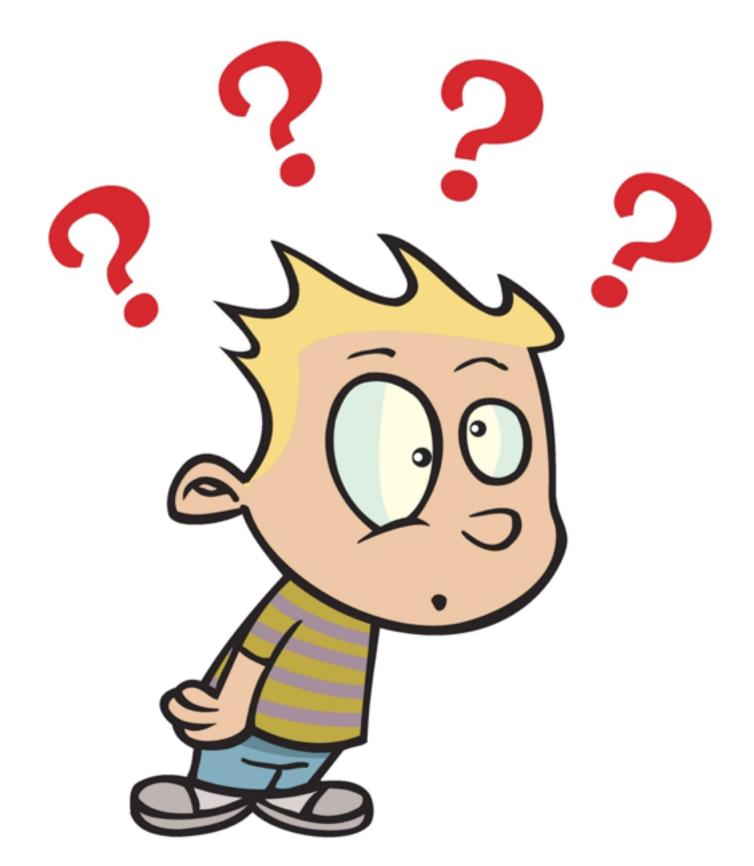
REVIEWS OF RESTAURANTS HELP YOU DECIDE WHERE TO EAT

IN BUSINESS, AND IN LIFE WE TAKE PECISIONS BASED ON PATA

REVIEWS OF A RESTAURANT HELP YOU DECIDE WHERE TO EAT

USER BEHAVIOR DATA HELPS A BUSINESS PECIDE WHAT TO SELL AND TO WHOM

DATA IS AVAILABLE IN MANY FORMS AND IN LARGE QUANTITIES



		50.00	\$2.01	\$2.00	91.00	, 90	0.00	\$0.50	'	0.31	012	.0.13	0.47	10.02	14.21	00.70	00.00
		2.50	\$3.77	\$2.50	\$1.00	\$	1.40	\$0.00	1	5.17	573	35.96	11.2	17.00	14.02	31.02	32.55
		1.50	\$9.07	\$3.50	\$0.00	\$(0.70	\$0.30	3	3.07	576	8.73	15.1	17.65	14.09	31.74	33.15
		9.00	\$10.47	\$0.50	\$1.50	5	1.40	\$0.00	4	6.87	581	5.60	22.9	18.14	14.38	32.52	34.08
		2.50	\$4.44	\$2.00	\$1.50	\$3	3.15	\$0.00	3	3.84	584	19.44	13.6	17.49	14.39	31.88	33.58
		5.50	\$13.72	\$1.50	\$0.50) S4	4.20	\$0.90	4	4.57	589	3.11	26.3	17.76	14.34	32.10	33.45
ID	Last Name	First Nam	city s	tate Gender S	tudent Status	Major	Country A	ige SAT	Averag	ge score	(grade)	Height (in) Newsp	aper readershi	p (times/wk)	31.52	33.09
1	DOEOL JANE		s Californi	a Female G	raduate	Politics	!	30 3 64	2263	67	61	5				31.39	31.51
3	DOE02 JANE DOE01 JOE0		nzona Female Ur Bw York Mi	ndergraduate M ale Graduate			2006 6 26 2	221 78	7 73	6						31.35	29.91
4 5	DOE02 30E0	2 Lackawana		Male G	raduate		US 3	3 1716	73 78 71	6 68 6	3					32.56	31.06
6	DOE04 30E0	4 Tel Aviv	Israel M orth Carolina M	ale Graduate	Econ	Israel :	25 1	786 69	67 96	5 70						33.09	32.04
7 8	DOE05 30E0 DOE03 3ANE	5 Cimax N OR Liberal K	orth Carolina M ansas Female D	ale Graduaté ndengraduate Pi	Politic plitics			9 1577 842 87	96 62	70	5					33.28	32.28
9	DOED4 JANE	04 Montreal	Canada Fe	emale Undergrad	uate Math	Canada 1	18 1	813 91	62 62 71	6	24						
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22	DOEDS JANE	06 Java V	irginia Fe	emale Graduate	Math	US 3	38 1	513 79	59	5						32.87	31.79
14	00E07 30E0 00E08 30E0	7 Varna B 8 Moscow R	ugarna M ussia Male G	ale Graduate raduate P	Politic olitics	s Russia :	Bulgaria 30 1	30 512 70	1637 75	79 6	63	41				33.01	30.95
15	DOE07 JANE	07 Drunkard	treek New York	Female U	ndergraduate	Math !	US Z	1 1338	82	64	5					33.26	30.91
16 17	DOE09 JANE	09 Amsterdam	Holland Fe	emale Undergrad emale Undergrad	uate Math	US :	19 1	.821 80 .494 75 .248 95	60	3						33.93	31.78
18 19		10 Mexico M 11 Caracas V	exico Female G	raduate P emale Undergrad	olitics	Mexico : Venezuel		248 95 .8 2252	82 63 60 59 92	4	5					33.57	32.81
20	00609 3060	9 San Juan	Puerto Ri	co Male G	raduate	Politics	ı		1923	68 95	63	7				34.71	33.70
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10 00 | \$2.07 | \$2.00 | \$1.50 | \$0.00 | \$0.90 | 8.97 | 5720.79 | 6.47 | 16.52 | 14.21 | 30.73 | 33.69

1. USE NUMBERS AND PLOTS TO DESCRIBE THE DATA

1. USE NUMBERS AND PLOTS TO PESCRIBE THE DATA

2. PRAW INFERENCES FROM THE PATA

1. USE NUMBERS AND PLOTS TO PESCRIBE THE DATA

2. DRAW INFERENCES FROM THE DATA

3. ORGANIZE PATA USING ANALYTICAL TOOLS

- 1. USE NUMBERS AND PLOTS TO PESCRIBE THE DATA
 - 3. ORGANIZE PATA USING ANALYTICAL TOOLS

2. DRAW INFERENCES FROM THE DATA

4. QUANTIFY RELATIONSHIPS BETWEEN VARIABLES

- 1. USE NUMBERS AND PLOTS TO PESCRIBE THE DATA
 - 3. ORGANIZE PATA USING ANALYTICAL TOOLS

- 2. DRAW INFERENCES FROM THE DATA
 - 4. QUANTIFY RELATIONSHIPS BETWEEN VARIABLES

5. VISUALLY COMMUNICATE WHAT YOU'VE LEARNT

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TO PESCRIBE A PERSON, YOU USE CHARACTERISTICS LIKE

- 2. PRAW INFERENCES FROM THE PATA
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HEIGHT WEIGHT HAIR COLOR EYE COLOR

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TO PESCRIBE PATA, YOU USE FREQUENCY TABLES HISTOGRAMS MEAN MEPIAN MODE IQR STANDARD DEVIATION AA171PA BOXPLOTS

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PESCRIPTIVE STATISTICS

FREQUENCY TABLES HISTOGRAMS MEAN MEPIAN MOPE STANDARD DEVIATION BOXPLOTS

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STUDYING DATA ALLOWS YOU TO SAY THINGS LIKE

"People who play sports live longer than people who don't"

"50% of all the vehicles in India are 2 wheelers"

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THIS IS PONE USING PROBABILITY DISTRIBUTIONS SAMPLING HYPOTHESIS TESTING

USE TOOLS LIKE EXCEL OR R TO PRE-PROCESS PATA

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STORE IT IN DATA STRUCTURES FOR EASY ANALYSIS

AGGREGATING

SORTING

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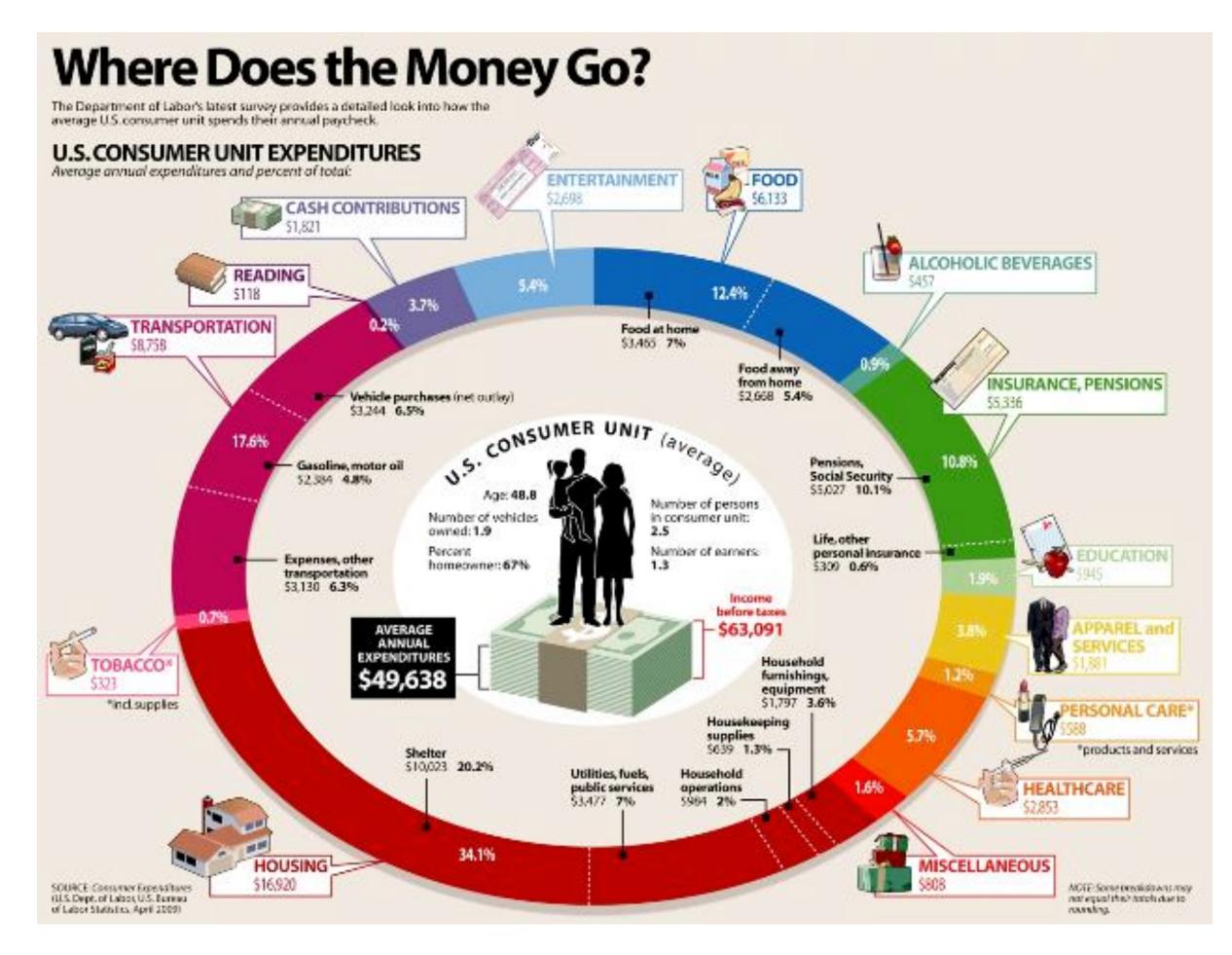
REGRESSION HELPS YOU UNDERSTAND HOW DIFFERENT VARIABLES INTERACT WITH EACH OTHER

"When there is a product launch, a company's stock value goes up"

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PATA VISUALIZATION HELPS YOU COMMUNICATE ALL OF THE THINGS YOU LEARN ABOUT THE PATA

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DATA VISUALIZATION

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