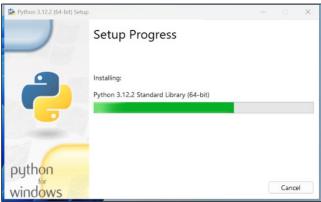
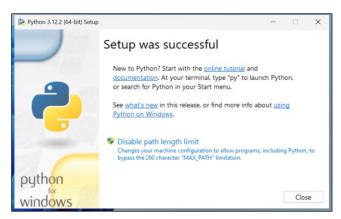
Chapter 1: A Gentle Introduction to Python

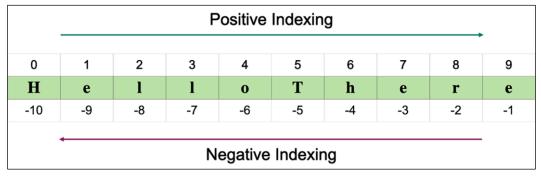




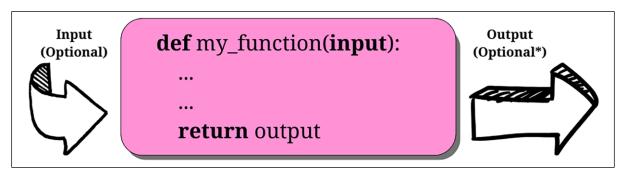


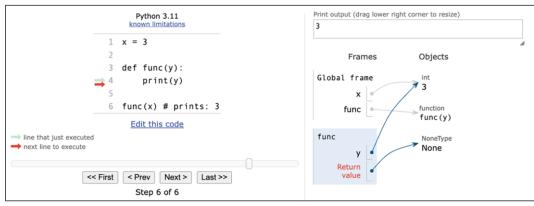
Chapter 2: Built-In Data Types



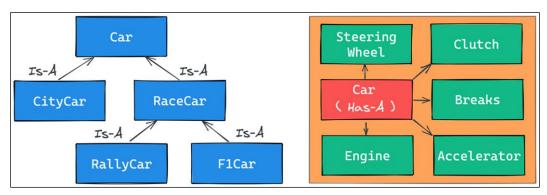


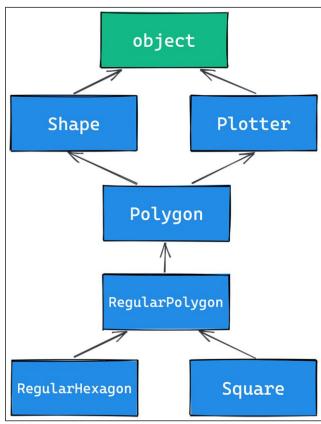
Chapter 4: Functions, the Building Blocks of Code



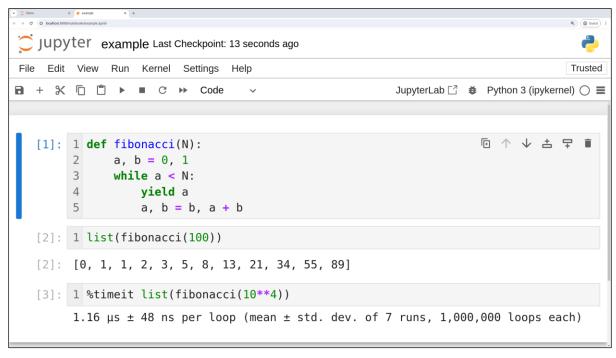


Chapter 6: OOP, Decorators, and Iterators



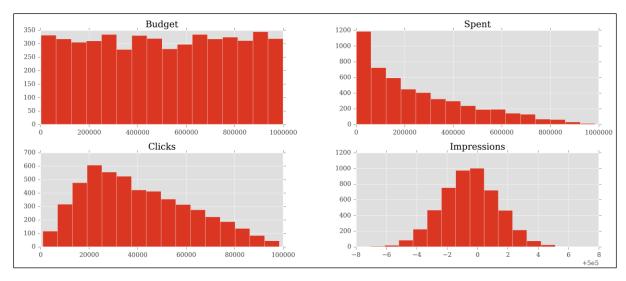


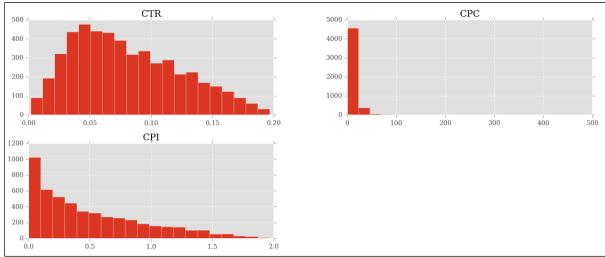
Chapter 13: Data Science in Brief

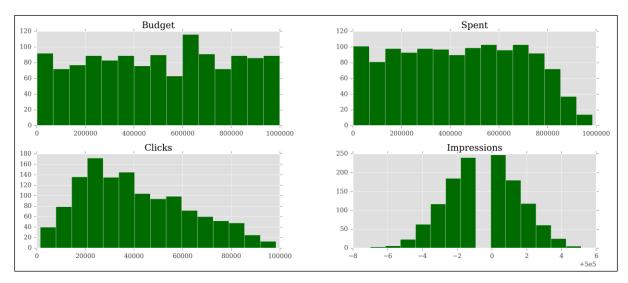


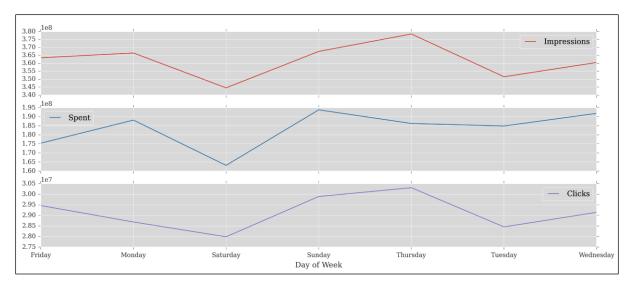
	cmp_name	cmp_bgt	cmp_spent	cmp_clicks	cmp_impr	user
0	KTR_20250404_20250916_35-50_A_EUR	964496	29586	36632	500001	$ \{ \hbox{"username": "epennington", "name": "Stephanie} \\$
1	AKX_20240130_20241017_20-25_M_GBP	344739	166010	67325	499999	$ \label{thm:continuity} \mbox{\ensuremath{$($''$ username'': "epennington", "name": "Stephanie} } $
2	BYU_20230828_20250115_25-45_M_GBP	177403	125738	29989	499997	{"username": "joshua61", "name": "Diana Richar
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	Duration	Budget	Clicks	Impressions	Spent	CTR	CPC	CPI	Age
count	5065.000000	5065.000000	5065.000000	5065.000000	5065.000000	5065.000000	5065.000000	5065.000000	5065.000000
mean	369.488253	502965.054097	40265.781639	499999.474630	253389.854689	0.080532	10.131895	0.506780	53.882330
std	209.852969	290468.998656	21840.783154	2.023801	222774.897138	0.043682	19.527218	0.445550	21.170077
min	1.000000	1764.000000	899.000000	499992.000000	107.000000	0.001798	0.001493	0.000214	18.000000
25%	192.000000	251171.000000	22575.000000	499998.000000	67071.000000	0.045150	1.756140	0.134143	35.000000
50%	371.000000	500694.000000	36746.000000	499999.000000	187743.000000	0.073493	5.207316	0.375486	54.000000
75%	554.000000	756850.000000	55817.000000	500001.000000	391790.000000	0.111634	11.630131	0.783572	72.000000
max	730.000000	999565.000000	98379.000000	500007.000000	984705.000000	0.196758	462.814233	1.969410	90.000000



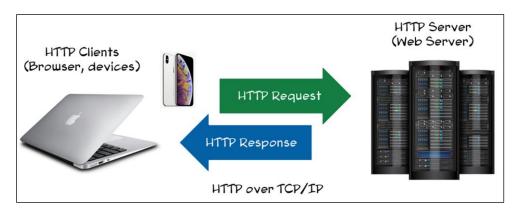


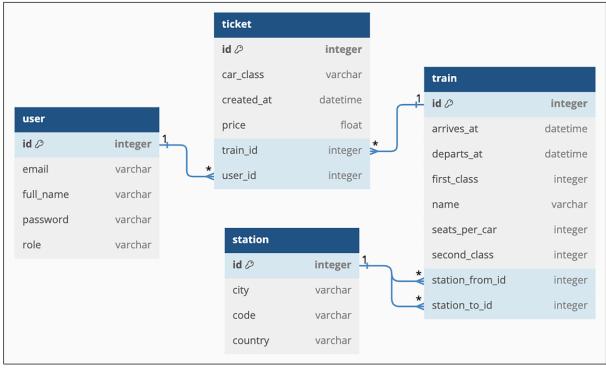




			Clicks		Im	pressions			Spent
Target Gender	Α	F	M	Α	F	М	Α	F	М
Target Age									
20-25	2460345	2355790	2954169	28499957	29999964	34999963	12387854	16271204	14605751
20-30	2254458	1742729	2133740	28999969	21999963	25999959	14631175	11435369	13184984
20-35	1323341	1735301	2926626	19499944	22499974	34999942	8530330	10987452	18383305
20-40	2304325	1987013	1975200	30499967	28499973	26999950	15591491	15490069	13806347
20-45	2402785	1667405	1790037	26999977	22499993	21999968	11692494	9064229	9623006

Chapter 14: Introduction to API Development







Chapter 16: Packaging Python Applications

