



Intro to Challenge 1

Data Sets

What you need to know

Challenge 1: Data Sets

Status: Challenge Complete

What to do next: All Done!

1. Get the Skills you Need

Study the practice questions in these levels. Mark them "Ready for Challenge" when you are done.

Python skill level(s) you need

- ✓ **Level 1:** What's Programming?
- ✓ **Level 2:** In and out of Python

Data Science skill level(s) you need

- ✓ **Level 1:** What's Data Science?
- ✓ **Level 2:** What's a data set?

Statistics skill level(s) you need

- ✓ **Level 1:** What's Statistics?
- ✓ **Level 2:** What's Data?

What you do

1. Download and open a data set
2. Talk about the social context of the data
3. Talk about the data itself
4. Do a data analysis to find answers

Key Data Science Points

- What is in data science that is not in stats and python?
- What is a data context?
- What is a data set?

Key Stats Points

- What is Data?
- What's a data type?
- What is a table
- Row
- Column

mayorsfoodcourt_filtered.csv - Excel

File Home Insert Page Layout Formulas Data Review View ACROBAT Team Tell me what you want to do...

Clipboard Font Alignment Number Styles

A1 businessName

	A	B	C	D	E	F
1	businessName	DESCRIPT	RESULTDTTM	Violation	ViolLevel	ViolD
2	100 Percent Delicia Food	Eating & Drinking	2/15/2013 12:19	15-4-202.1	*	Non-F
3	100 Percent Delicia Food	Eating & Drinking	2/15/2013 12:19	16-4-501.1	*	Dishw
4	100 Percent Delicia Food	Eating & Drinking	2/15/2013 12:19	16-4-501.1	*	Dishw
5	100 Percent Delicia Food	Eating & Drinking	2/15/2013 12:19	29-5-201/	*	Instal
6	100 Percent Delicia Food	Eating & Drinking	2/15/2013 12:19	31-5-204/	***	Locat
7	100 Percent Delicia Food	Eating & Drinking	2/15/2013 12:19	37-6-501.1	*	Impro
8	100 Percent Delicia Food	Eating & Drinking	3/21/2013 14:48	16-4-501.1	*	Dishw
9	100 Percent Delicia Food	Eating & Drinking	10/24/2013 11:18	05-4-302.1	*	Food
10	100 Percent Delicia Food	Eating & Drinking	10/24/2013 11:18	14-4-202.1	*	Food
11	100 Percent Delicia Food	Eating & Drinking	10/24/2013 11:18	16-4-501.1	*	Dishw
12	100 Percent Delicia Food	Eating & Drinking	10/24/2013 11:18	16-4-501.1	*	Dishw
13	100 Percent Delicia Food	Eating & Drinking	10/24/2013 11:18	32-6-301.1	*	Hand
14	100 Percent Delicia Food	Eating & Drinking	10/24/2013 11:18	37-6-501.1	*	Impro
15	100 Percent Delicia Food	Eating & Drinking	6/19/2014 14:58	29-5-201/	*	Instal
16	100 Percent Delicia Food	Eating & Drinking	6/19/2014 14:58	36-6-501.1	*	Impro

Key Python Points

- `import pandas as pd`
- `dataFrame = pd.read_csv("", sep="")`
- `print()`
- `dataFrame.head()`

