Today's Topic:

Integrating real data in your designs is critical to determine its success

Why Design With Real Data?

How to Design With Real Data?

Most of our job as designers:

Does this design "work"?

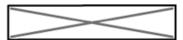
# Buying a Broom





http://amazon.com/brooms



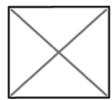


Home Products Company Blog

Hi Ben Sign Out



Category 1 (150)



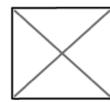
Product Name

\$5.99

Product Details

**Product Details** 

Product Details ★★★ ★ ★ 3/5



**Product Name** 

\$5.99

Product Details

**Product Details** 

Product Details \*\*\* a a a 3/5



**Product Name** 

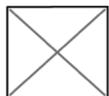
\$5.99

Product Details

**Product Details** 

Product Details

\*\*\* \* \* 3/5



Product Name

\$5.99

**Product Details** 

**Product Details** 

Product Details

**★★★** ★ ★ 3/5



Product Name

\$5.99

Product Details

Product Details

Product Details

★★★ ★ ★ 3/5



**Product Name** 

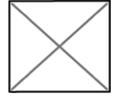
\$5.99

Product Details

Product Details

Product Details

★★★ ★ ★ 3/5



**Product Name** 

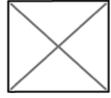
\$5.99

Product Details

Product Details

Product Details

★★★ ★ ★ 3/5



**Product Name** 

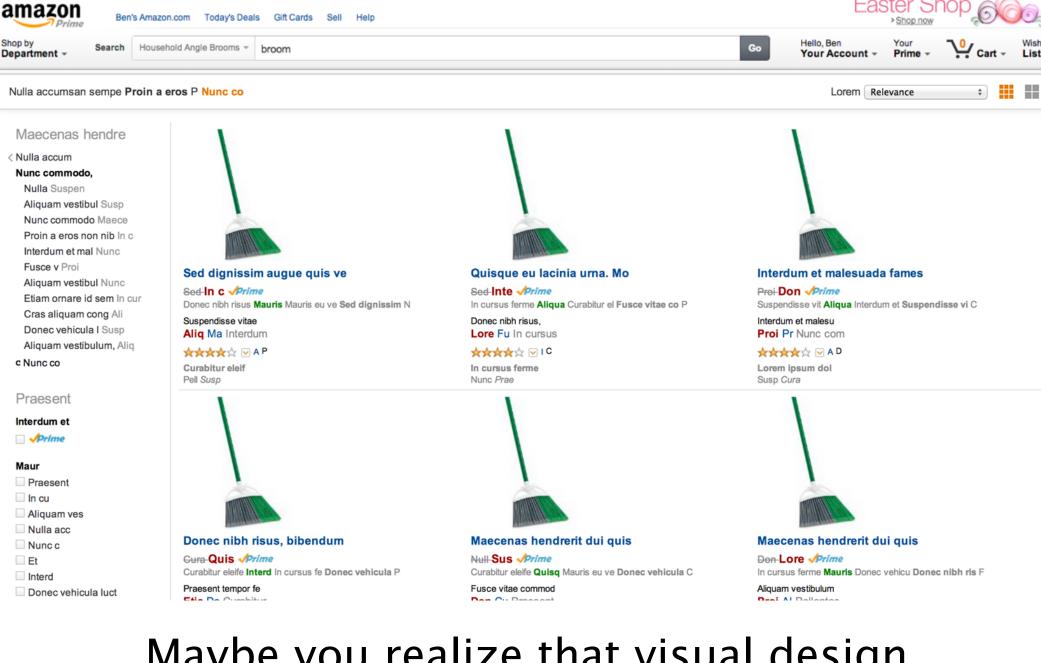
\$5.99

**Product Details** 

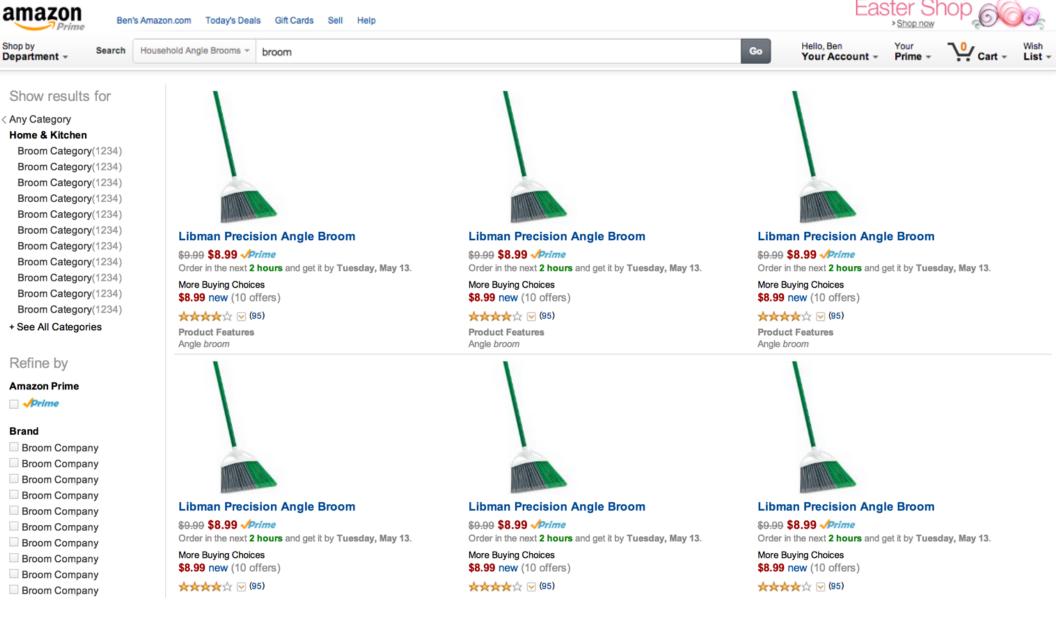
Product Details

**Product Details** 

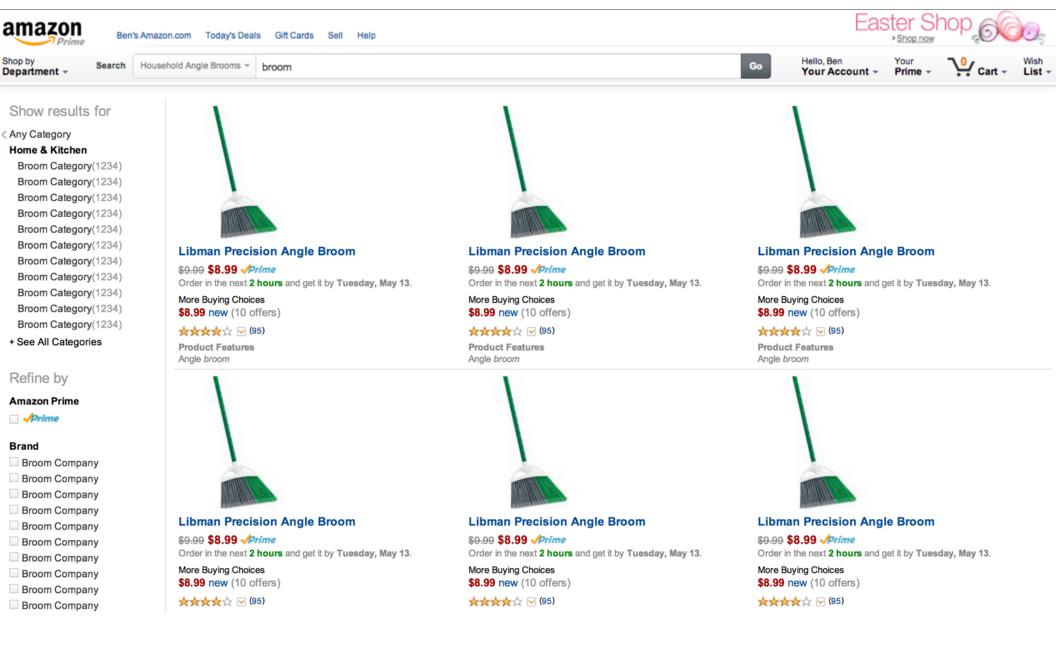
★★★ ★ ★ 3/5



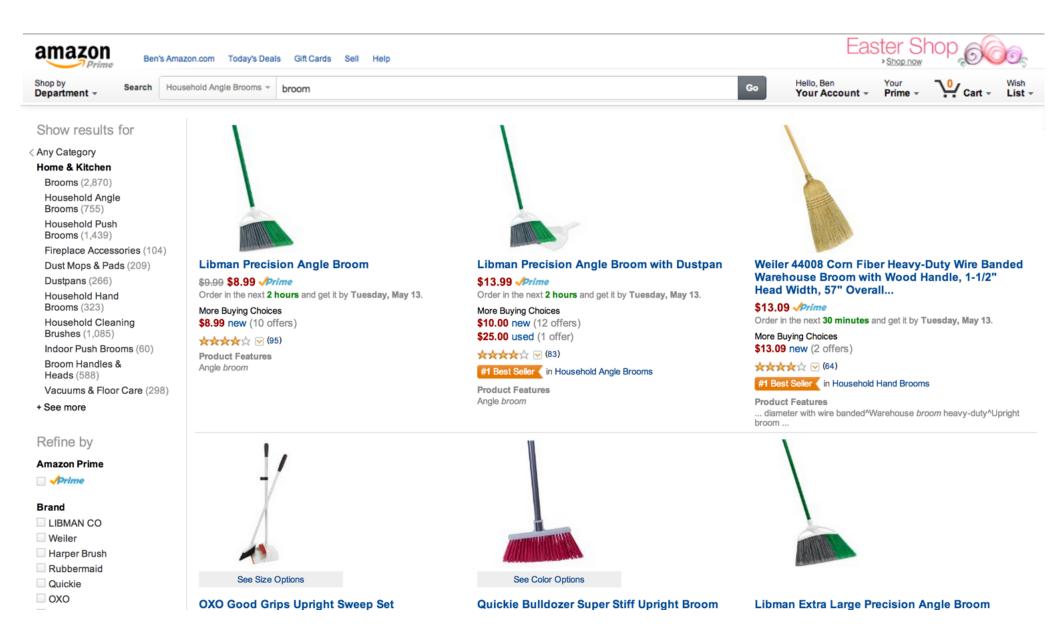
Maybe you realize that visual design influences usability...



And maybe you want to make sure the content is representative



# Does this design work?



But when making a decision, the details are what matters.

Why Design With Real Data?

Data and Content

are the User Experience

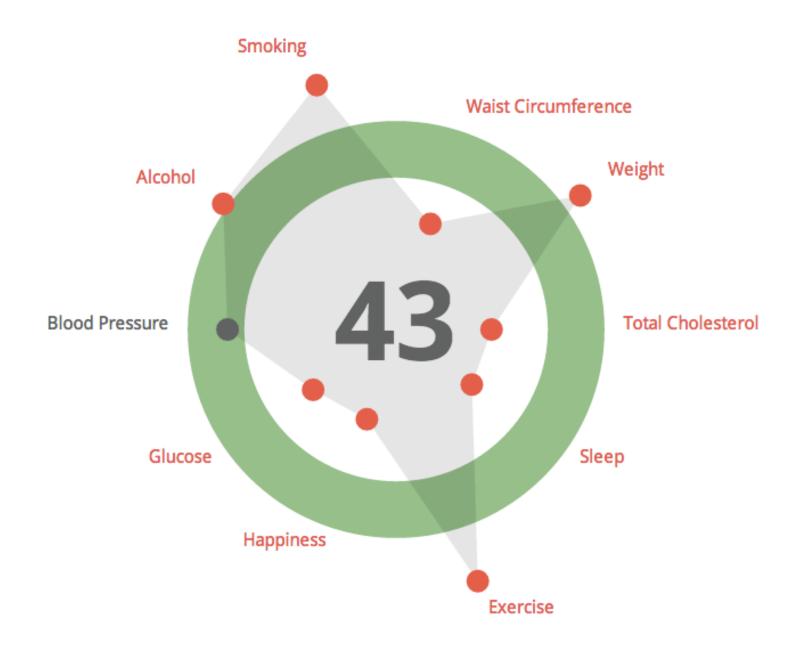
# Why Design With Real Data?

- = Fake Data
- = Fake Design
- = Fake Feedback
- = Wrong Decisions

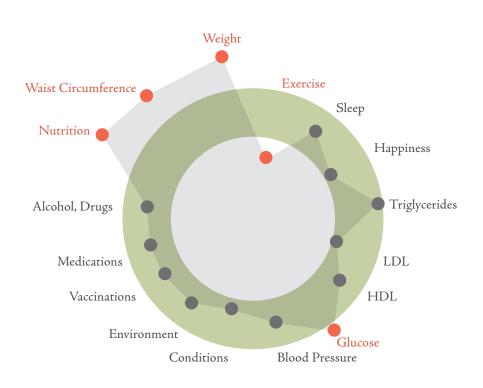
Why Design With Real Data?
Real data will enter the equation eventually.

Our jobs as designers:
Organize data
into information
to enable users to gain knowledge

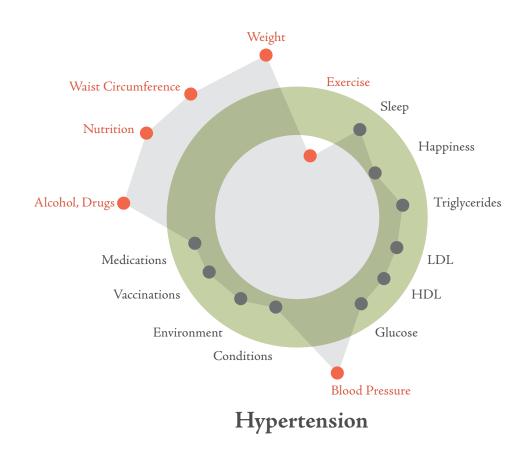
# It is impossible to evaluate the success of a design if it does not use real data.



# Does this technique work?



Pre-Diabetes



# Not all fake data looks fake

But, we need more than just some real data.

Everything has to be realistic.

Q Search...

### Foods that will help with...

Select the **most important** metric to focus your food basket upon.

- Glucose (1)
  Cal Calcium (1)
  Mag Magnesium (1)
- Cre Creatine Kinase
- O B12 Vitamin B12
- Fol Folic Acid
- O Vitamin D
- Fer Ferritin
- Chl Cholesterol
- Hem Hemoglobin

### Limit to these food groups...

- □ Grains
- Fruits
- Vegetables
- Dairy
- Meats
- ✓ Nuts, seeds, legumes

Your Food Ba	asket	•	2200 Da	aily Calorie	s	ø	Print	×
	Not happy with these	foods? Generate	a completely	new food ba	sket.			
	Food	Serving	Calories	Iron	Vitamin D	Folate	Lock /	Replace
Meats	Turkey	8 oz.	234	0.74	82.8	14.4		$\Box$
	Chicken Breast	8 oz.	234	0.74	51.6 ^	1.87		$\Box$
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	Totals	8 portions	2188	<b>7.18</b> RDA = 8	<b>473.37</b> RDA = 600	153.9 RDA =		

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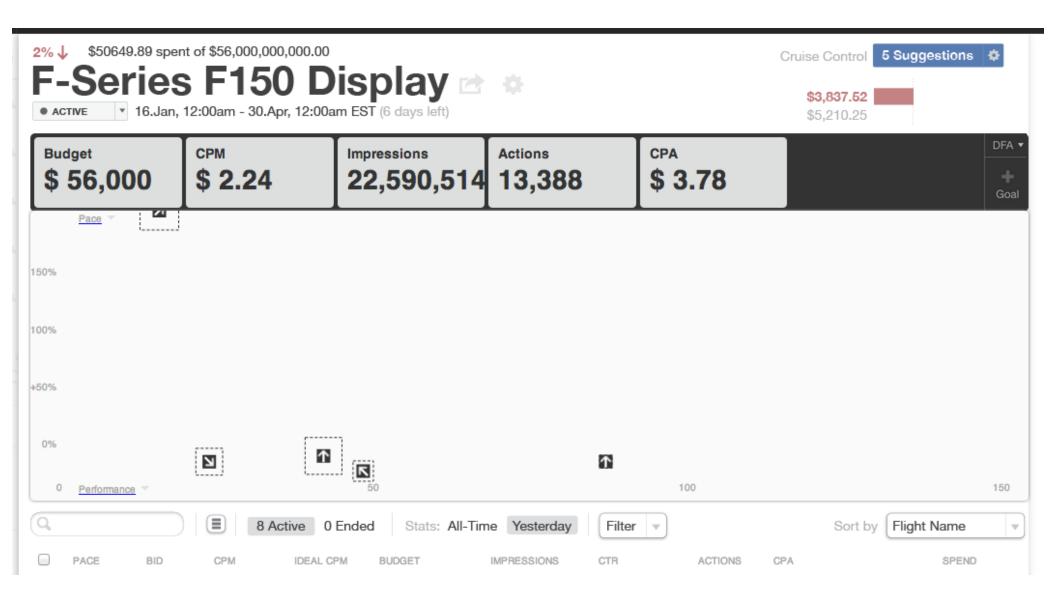
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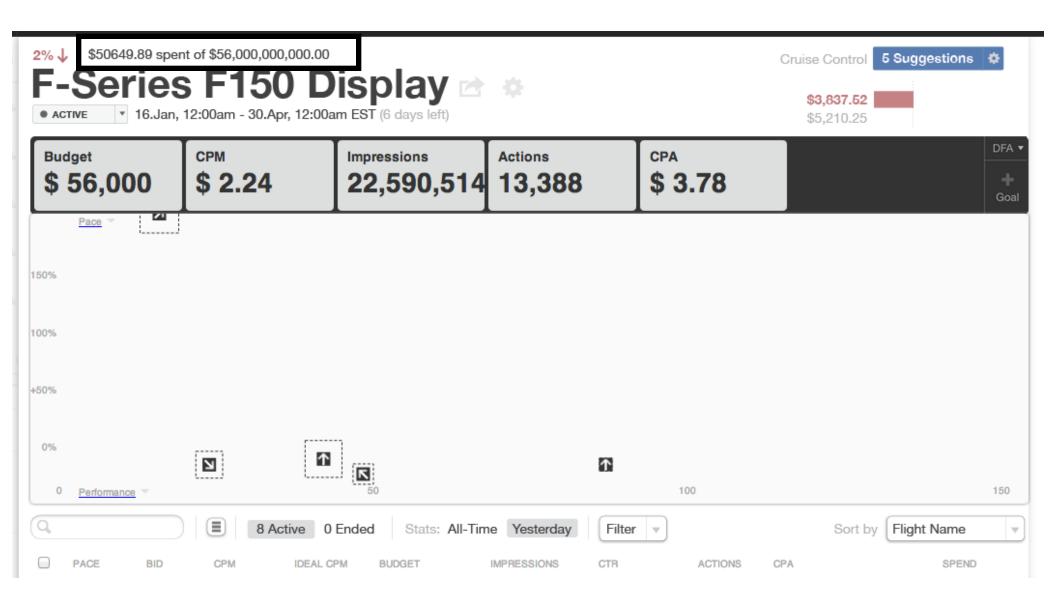
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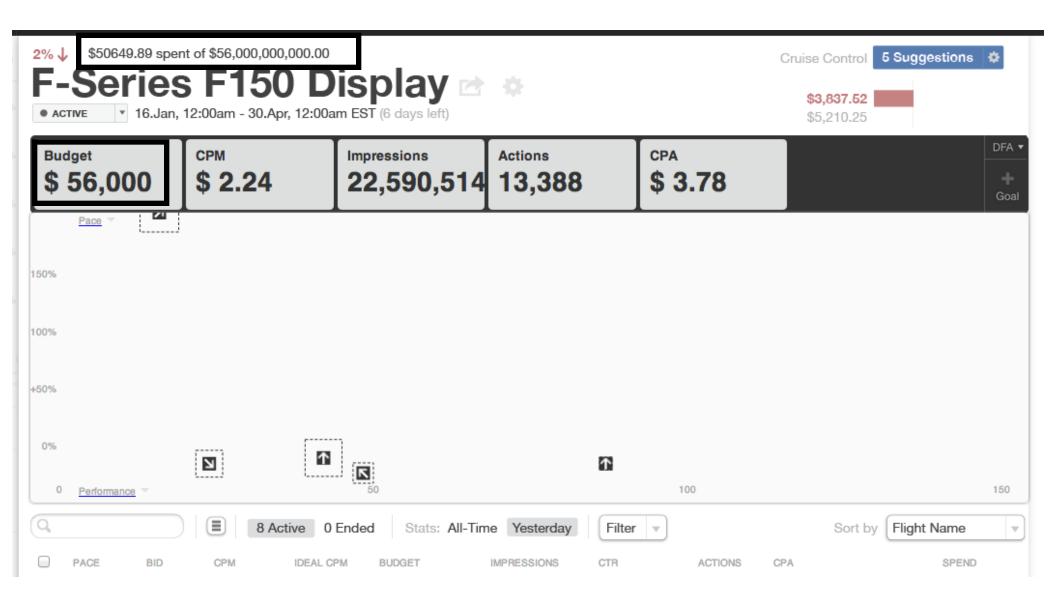
### Limit to these food groups...

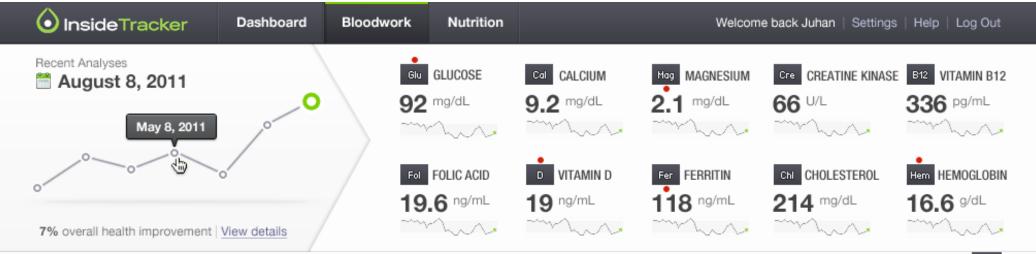
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our Food Ba	asket	<u> </u>	2200 Da	aily Calorie	s	ø	Print	×
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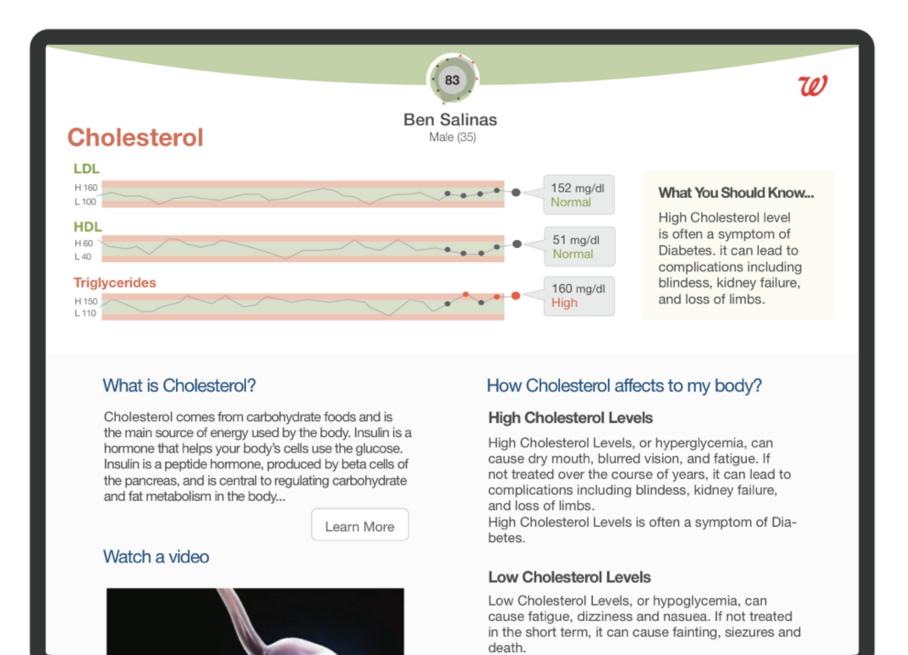












# Is this data representative?

BUSINESS

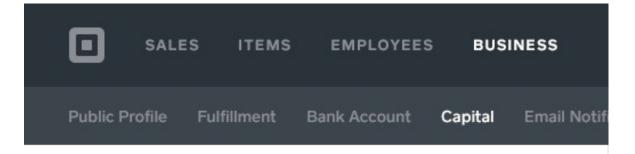
Public Profile Fulfillment Bank Account Capital Email Notifications Applications

\$2,088.85 \$9,411.15 TOTAL PAID TO SQUARE REMAINING BALANCE \$0 \$11,400

Date	Description	Amount
Today	Square Capital payment	\$95.61
Yesterday	Square Capital payment	\$90.18
02/06/14	Square Capital payment	\$78.14
02/05/14	Square Capital payment	\$41.21
02/04/14	Square Capital payment	\$49.16
02/03/14	Square Capital payment	\$41.88
02/01/14	Square Capital payment	\$36.71
01/28/14	Square Capital payment	\$43.68
01/27/14	Square Capital payment	\$39.60
01/26/14	Square Capital payment	\$44.91
01/25/14	Square Capital payment	\$45.12
01/24/14	Square Capital payment	\$41.83
01/23/14	Square Capital payment	\$41.21
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01/20/14	Square Capital payment	\$41.88
01/19/14	Square Capital payment	\$36.71

Square Cap	oital
Feb 10, 2014, 7:00 F	PM
\$95.6	1
Previous Balance	\$9,505.73
Total Card Sales Processed	\$95.61
10% Payment to Square	(\$9.56)
Remaining Balance	\$9,345.54

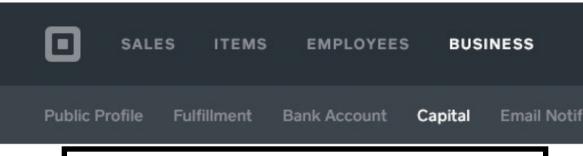
Done

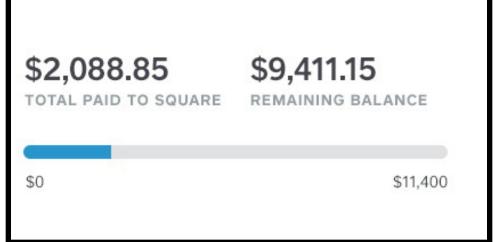




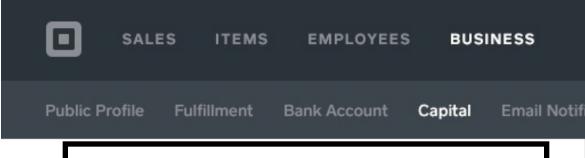
\$0 \$11,400

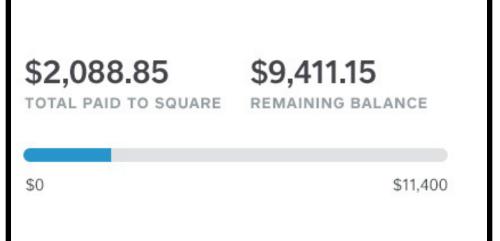
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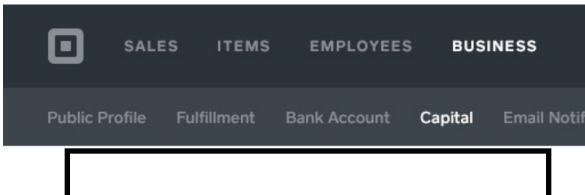
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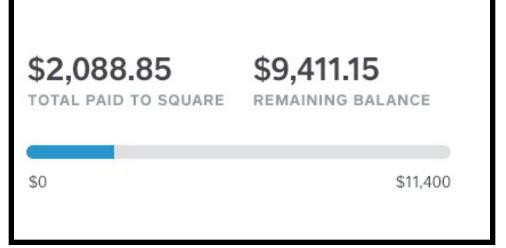




Date	Description	Amount
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2,088.85 + 9411.15 = 11,500





Date	Description	Amount
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02/06/14	Square Capital payment	\$78.14

2,088.85

+ 9411.15

= 11,500

As soon as someone actually tries to use this screen, you will find this out.

# Square Capital

PAYMENT

Feb 10, 2014, 7:00 PM

# \$95.61

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## Square Capital

PAYMENT

Feb 10, 2014, 7:00 PM

\$Q	5	61
	J.	O I

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10% Payment to Square	(\$9.56)
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Whether this is subtraction fundamentally changes whether this screen is easy to understand or impossible

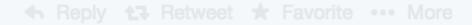


Ben Salinas @bensalinas · May 28
Spent 5 minutes trying to understand what the part on the right was showing me. FakeData=FakeDesign=FakeFeedback. pic.twitter.com/yefl1oHsGq





Allen Cheung @allenmhc · May 28
@bensalinas @Square No, that looks like a screenshot of an internal demo version of the app. The list continues offscreen.





Ben Salinas @bensalinas · May 28 @allenmhc @Square Ahh. I assumed a comp because 2088.85+9411.15 !== 11400 and the individual payment numbers don't add up.





Ben Salinas @bensalinas · May 28 @allenmhc @Square Regardless, looks like the screenshot on the marketing site has been updated now with more realistic numbers.





Public Profile Fulfillment Bank Account Capital Email Notifications Applications

\$2,189.88 \$9,210.12 TOTAL PAID TO SQUARE REMAINING BALANCE \$0 \$11,400

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Today	Square Capital payment	\$95.61
Yesterday	Square Capital payment	\$90.18
02/06/14	Square Capital payment	\$78.14
02/05/14	Square Capital payment	\$41.21
02/04/14	Square Capital payment	\$49.16
02/03/14	Square Capital payment	\$41.88
02/01/14	Square Capital payment	\$36.71
01/28/14	Square Capital payment	\$43.68
01/27/14	Square Capital payment	\$39.60
01/26/14	Square Capital payment	\$44.91
01/25/14	Square Capital payment	\$45.12
01/24/14	Square Capital payment	\$41.83
01/23/14	Square Capital payment	\$41.21
01/21/14	Square Capital payment	\$49.16
01/20/14	Square Capital payment	\$41.88
01/19/14	Square Capital payment	\$36.71

Square Cap	oital
Feb 10, 2014, 7:00 F	PM
\$95.6	1
Previous Balance	\$9,305.73
Total Card Sales Processed	\$956.12
10% Payment to Square	(\$95.61)
Remaining Balance	\$9,210.12

KAITLYN SPINDEL Y

Done

**Email Notification** 

Applications

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Square Ca	pital
Feb 10, 2014, 7:00 I	PM
\$95.6	1
Previous Balance	\$9,305.73
Total Card Sales Processed	\$956.12
10% Payment to Square	(\$95.61)
Remaining Balance	\$9,210.12

90.18

78.14

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36.71

13.68

Previous Balance	\$9,505.73
Total Card Sales Processed	\$956.12
10% Payment to Square	(\$95.61)
Remaining Balance	\$9,210.12

Now I understand where 95.61 came from!