

Homework 1 Review

No screens



Prof. Lydia Chilton
COMS 4170
3 February 2020

Say your name



Interfaces display information in a way that helps users accomplish a goal.

```
i:Exit --PrevPg <Space>NextPg v-View Attachm. d-Del r-Reply j-Next ?-Help
624 Aug 03 T Martinez ( 37) Loans with tiny points are here now
625 0 Jul 01 R. Jackson ( 123) Loans with tiny rates are here now
626 Aug 05 Benjamin E. Mag ( 50) Long time no hear
627 May 17 Krista Aaron ( 44) long time no see....
628 0 Jun 03 Josiah House ( 35) Looking for a hot date tonight, tomorrow, or next week?
629 Jul 03 Brigitte I. Hay ( 63) Looking for a N.ew H.ome?
630 May 17 Joe Burns ( 58) Looking for you
631 Jun 01 Save in a poor ( 145) Low Rate Consolidation Mortgage Loan
632 + Jul 02 Igiel@virtualig ( 2) LowCost SoftWare OnCD
-- Mutt: Mail/junk/spam [Msgs:950 Old:142 Old] -- (subject/date) (6%)
Date: Mon, 17 May 2004 03:40:09 +0100
From: Krista Aaron <Christinefeminine@highstream.com>
Subject: long time no see....

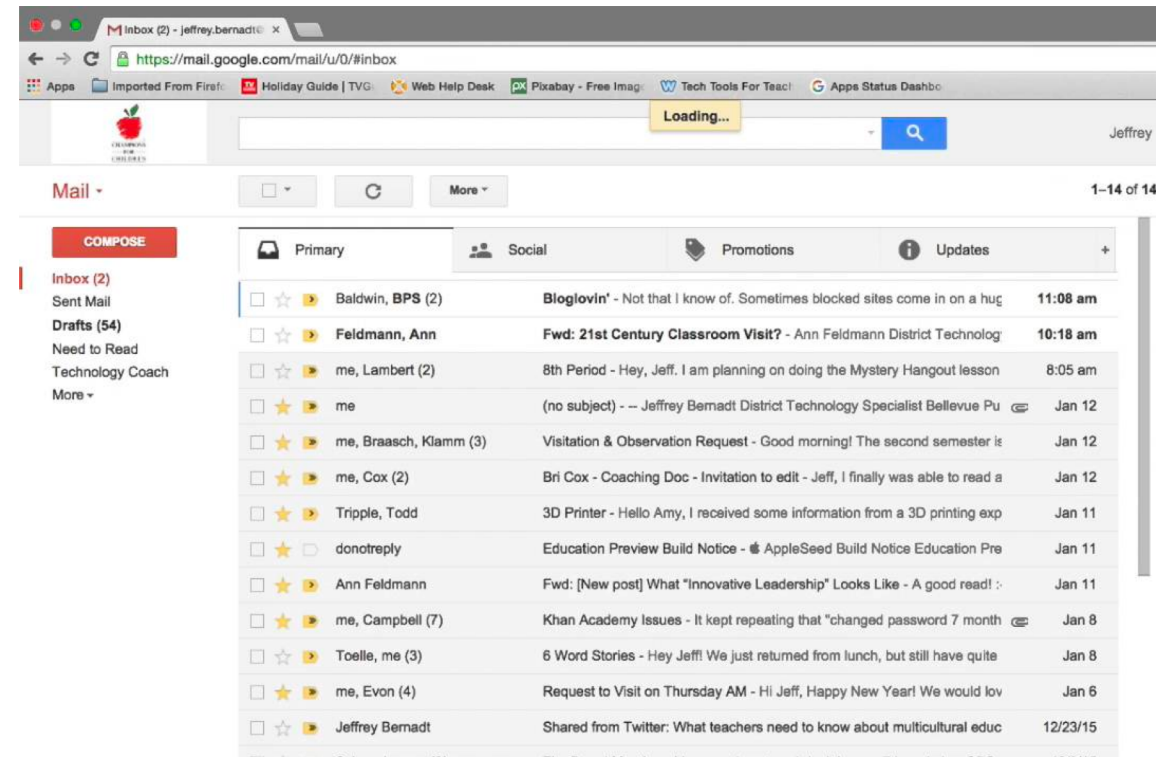
[-- Autoview using /usr/bin/elinks -force-html -dump '/tmp/mutt.html' --]
My name is Jen and I'm new to this dating thing. I've checked out your profile
you put up and it's interesting. => I just want to get to know you a little
better if you don't mind, come check my profile out at:

www.livejen.com/chat.html

I also got a webcam so we can make it interesting, anyways hope you get back to
me.
bye :)

gxsnkxxgnduvy jwyceudc jobxs
zcocccrociesbehgbpow
rnxlfuljngpblipdkgwuyqofracsz
xmqaubxsbjrppoibvlpfhqouldtp
bixhghvrxtgqfcoqcofzycb
hugzffaffulsklpzhrfxbtt
btpztlfotqmmoaiwlosqv
-- 627/950: Krista Aaron long time no see.... -- (6%)
Key is not bound. Press '?' for help.
```

Pine text-based email client

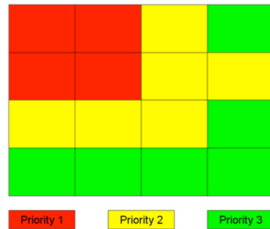


GMail

Seven tools for visually indicating importance

You are cordially invited to
Robert and Alexandra's delectable after dinner
party.
Wine and nibbles will be served.
When: February 20th, 2018 at 9:30pm.
Where: the pad. If you need directions, ping us.
Kindly let us know if you will be attending by
February 1st.

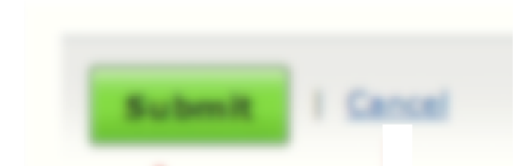
Conceptual grouping



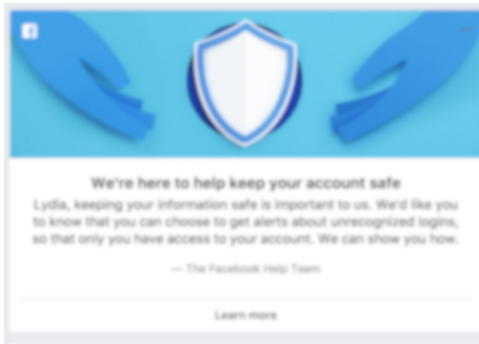
Location



Whitespace



Size



Images

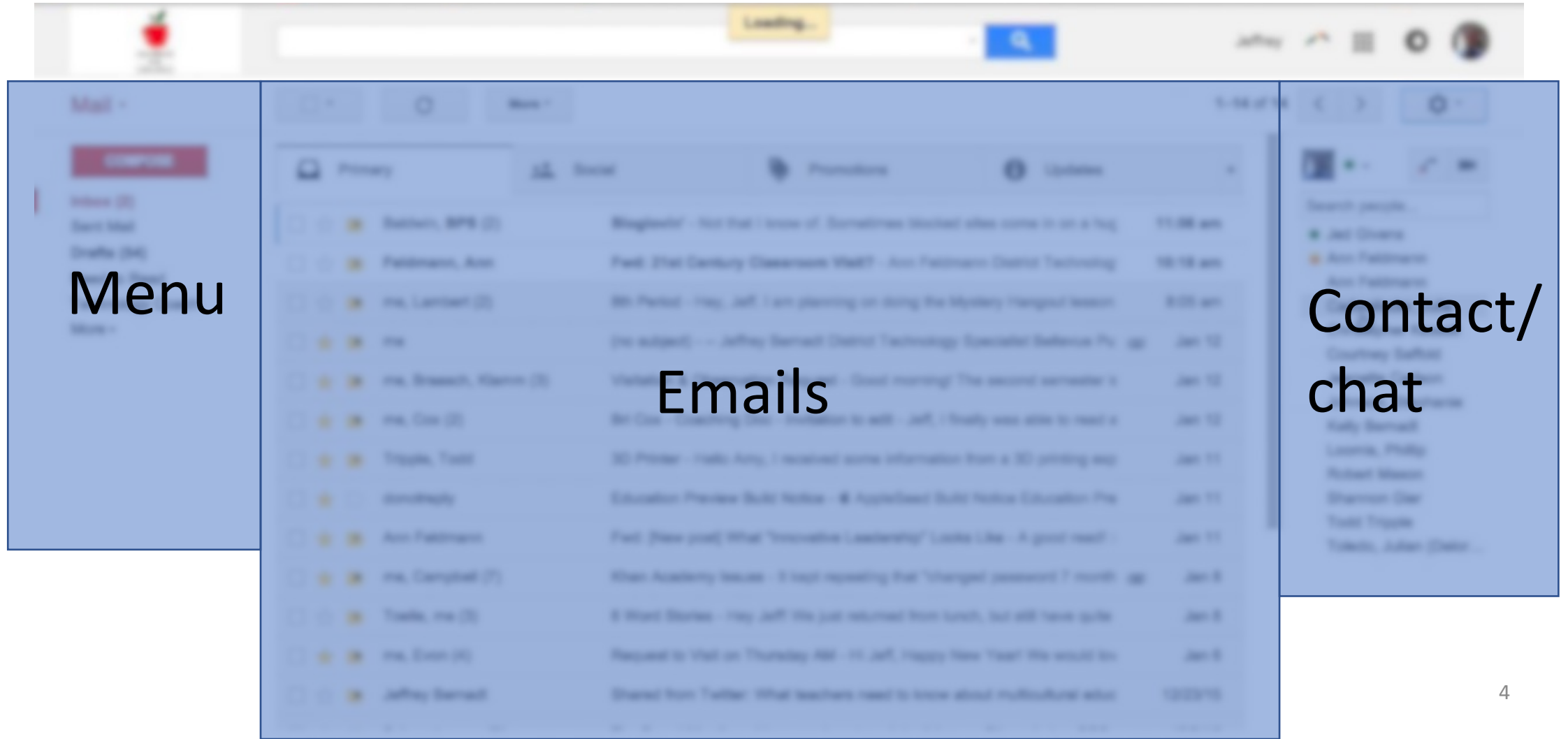
You are cordially invited to
**Robert and Alexandra's
delectable after dinner party.**
Wine and nibbles will be served.

Contrast

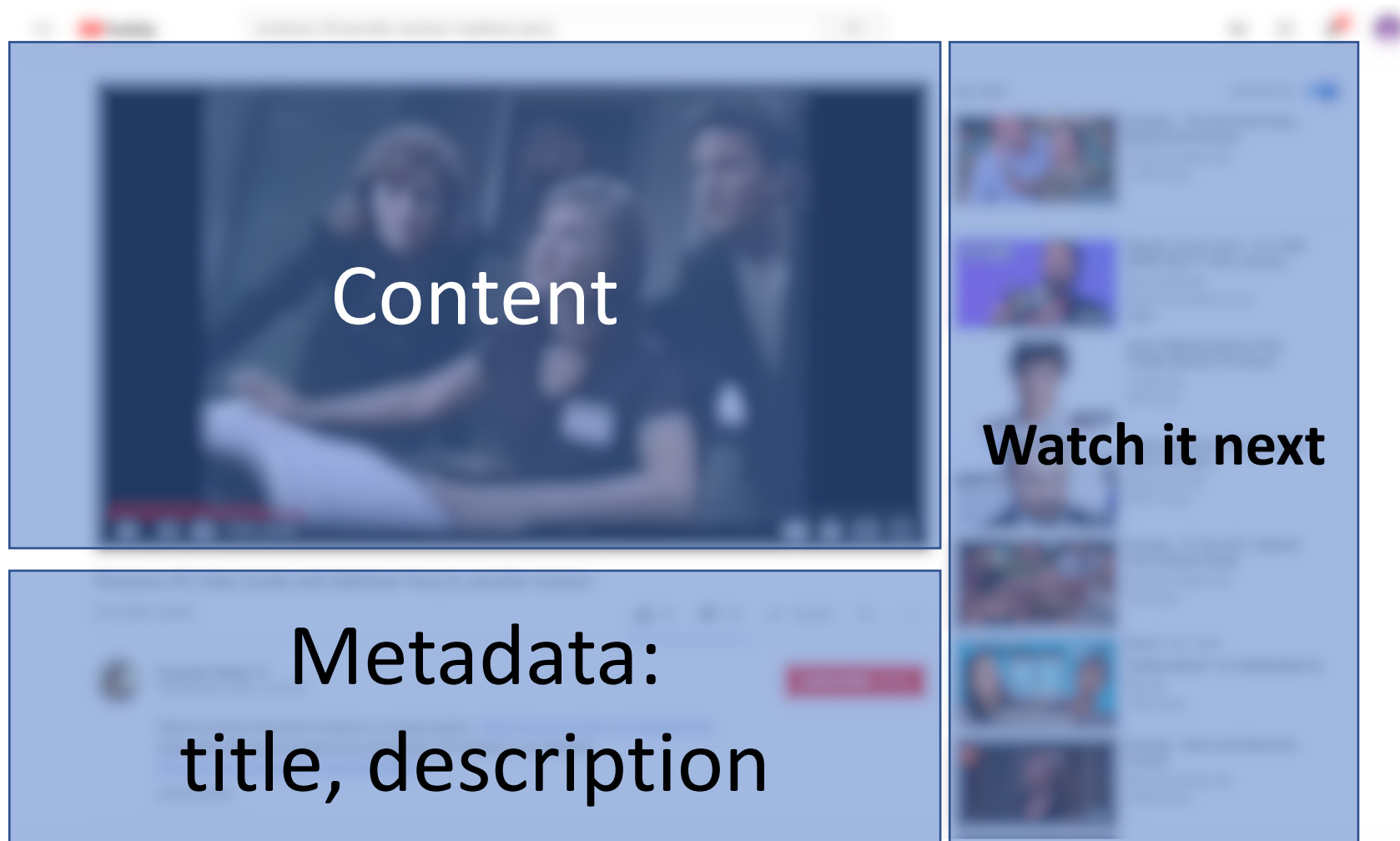


Color

What are the conceptual groups in Gmail?



What are the conceptual groups in YouTube



Most HW deductions were taken for two things

- **CSS**
- Designing Information Layout

CSS selectors

```
1 <html>
2   <head>
3     <style>
4
5
6     div{
7       color: blue;
8     }
9
10
11
12
13     #home_div{
14       color: red;
15     }
16
17
18
19
20     .highlight_div{
21       color: yellow;
22     }
23
```

All <div> elements get this style

At most one <div> elements get this style

Some <div> elements get this style

Elements get their most specific CSS style

```
div{
  color: blue;
}

#home_div{
  color: red;
}

.highlight_div{
  color: green;
}

.highlight_div2{
  color: orange;
}

#home_div.highlight_div2{
  color: grey;
}

<body>
  <div> DIV 1 </div><br>
  <div id="home_div"> DIV 2 </div><br>
  <div class="highlight_div"> DIV 3 </div><br>
  <div id="home_div" class="highlight_div"> DIV 4 </div><br>
  <div class="highlight_div2"> DIV 5 </div><br>
  <div id="home_div" class="highlight_div2"> DIV 6 </div><br>
</body>
```

DIV 1

DIV 2

DIV 3

DIV 4

DIV 5

DIV 6

id is more specific than **class**.

The more IDs, classes, and element names are involved, the more specific

CSS Connectors

```
.highlight_div.highlight_div2{  
  color: red;  
}
```

```
.highlight_div .highlight_div2{  
  color: blue;  
}
```

```
<div class="highlight_div highlight_div2"> DIV 7 </div><br>
```

DIV 7

```
<div class="highlight_div">  
  <div class='highlight_div2'>  
    DIV 8  
  </div>  
</div>
```

DIV 8

.class1.class2 = “has class 1 AND class 2”

```
.highlight_div{
  color: green;
}

.highlight_div2{
  color: grey;
}
```

```
<div class="highlight_div highlight_div2"> DIV 5 </div><br>
```

```
<div class="highlight_div2 highlight_div"> DIV 6 </div><br>
```

DIV 5

DIV 6

```
.highlight_div2{
  color: grey;
}

.highlight_div{
  color: green;
}
```

DIV 5

DIV 6

A good way to override a CSS style.

```
.old{  
  color: green;  
}  
  
.old.new{  
  color: red;  
}
```

```
<div class="old"> old </div><br>  
<div class="old new"> new </div><br>
```

old

new

Typically, by adding your own class,
And making a more specific CSS selector

Users can't focus on everything at once.
They have a spotlight of attention.

You are cordially invited to Robert and
Alexandra's delectable after dinner party.
Wine and nibbles will be served. When:

You are cordially invited to
Robert and Alexandra's
delectable after dinner party.

February 20, 2018 at 9:00pm. We are the
pad. If you need directions, ping us. Kindly

Wine and nibbles will be served

February 20, 2018 at 9:00pm.

A visual hierarchy of information allows
designers to guide users' attention.

Most HW deductions were taken for two things

- CSS
- **Designing Information Layout**

Group related information into 3 chunks

You are cordially invited to Robert and Alexandra's delectable after dinner party. Wine and nibbles will be served. When: February 20th, 2018 at 9:30pm. Where: the pad. If you need directions, ping us. Kindly let us know if you will be attending by February 1st.

You are cordially invited to Robert and Alexandra's delectable after dinner party.
Wine and nibbles will be served.

When: February 20th, 2019 at 9:30pm.
Where: the pad. If you need directions, ping us.

Kindly let us know if you will be attending by February 1st.

In each chunk, decide what's important to emphasize – use 2 or more “tools”

You are cordially invited to
Robert and Alexandra's delectable after
dinner party.
Wine and nibbles will be served.

When: February 20th, 2019 at 9:30pm.
Where: the pad. If you need dir, ping us.

Kindly let us know if you will be attending
by February 1st.

You are cordially invited to

**Robert and Alexandra's
delectable after dinner party.**

Wine and nibbles will be served.

When: **February 20th, 2019 at 9:30pm.**
Where: **the pad.** If you need directions, ping us.

Kindly let us know if you will be attending
by **February 1st.**

Make sure the visual information hierarchy passes the squint test.

You are cordially invited to
Robert and Alexandra's
delectable dinner party.

Wine and nibbles will be served.

When: **February 20** at 9:30pm.
Where: **the pad.** If you need directions, ping us.

Kindly let us know if you will be attending
by Feb 19th.

Answer with full credit:

100% COTTON.

MADE IN CHINA.

RFC# 910911-040

COLD WASH MACHINE.

DO NOT BLEACH.

WASH INSIDE OUT.

SEPARATE FROM DARKS.

DO NOT TUMBLEDRY OR DRY CLEAN.

LINE DRY IN SHADE.

WARM IRON ON REVERSE.

100% COTTON.

MADE IN CHINA.

RFC# 910911-040

COLD WASH MACHINE.

DO NOT BLEACH.

WASH INSIDE OUT.

SEPARATE FROM DARKS.

DO NOT TUMBLEDRY OR DRY CLEAN.

LINE DRY IN SHADE.

WARM IRON ON REVERSE.

Good: There are three groups.

Each group has the most important thing emphasized

The emphasis is done using two tools – contrast and size

Fixable answer #1

Wash clothes

Wash dark separately, Wash inside out, Do not bleach,
Do not dry clean, Do not tumble dry, Line dry in shade,
Warm iron as normal.

Wash in Cold
Wash in reverse order

- Good:** There are three groups.
- Problem:** There's too much in group 2.
It's all emphasized
- Fix:** Break up group 2

Fixable answer #2

Cold wash machine
Do NOT dry clean
Do NOT bleach
Wash dark separately
Wash inside out

Do NOT tumble dry
Line dry in shade
Warm iron on reverse

100% Cotton
Made in China
RFC# 910911-040

- Good:** There are three groups.
Nice-sized concepts
- Problem:** There's no focus within the group.
Only one heuristic is being used
- Fix:** Be selective on what to prioritize

Let's fix it!

Cold wash machine

Do **NOT** dry clean

Do **NOT** bleach

Wash **dark separately**

Wash **inside out**

Do **NOT** tumble dry

Line dry in shade

Warm iron on reverse

100% Cotton

Made in China

RFC# 910911-040

What the concept?

Washing instructions

What the concept?

Drying instructions

What the concept?

Manufacturing instructions

Cold wash machine

Do **NOT** dry clean

Do **NOT** bleach

Wash **dark separately**

Wash **inside out**

Line dry in shade

Do **NOT** tumble dry

Warm iron on reverse

100% Cotton

Made in China

RFC# 910911-040

Visual Information hierarchy guides users' attention

You are cordially invited to
Robert and Alexandra's
delectable after dinner party.

Wine and nibbles will be served.

When: **February 20, 2019** at 9:30pm.
Where: **the pad.** If you need directions, ping us.

Kindly **let us know** if you will be attending
by February 19.

Cold wash machine
Do NOT dry clean
Do NOT bleach
Wash dark separately
Wash inside out

Line dry in shade
Do NOT tumble dry
Warm iron on reverse

100% Cotton
Made in China
RFC# 910911-040