

# Missed Connections - SF

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## MISSED CONNECTIONS

you: visiting my lab

me: lab coat

saw you in my lab the  
other day.

# Data

- 457 missed connections - June 2016
- Scraped from Craigslist using BeautifulSoup
- Document ID, title, gender (m4m, w4m, etc.), location (primarily neighborhood), content, timestamp
- Stemmed, punctuation removed, numbers removed, stop words removed
- TF & TFIDF

# Overview of Corpus



# Overview of Corpus

## Men

|        |         |       |
|--------|---------|-------|
| poster | seeking | same  |
| : 21   | : 21    | 0:337 |
| m:355  | m:169   | 1:120 |
| t: 4   | t: 6    |       |
| w: 77  | w:261   |       |

| gender   |      |
|----------|------|
| m4w      | :255 |
| m4m      | : 90 |
| w4m      | : 70 |
|          | : 21 |
| m4t      | : 6  |
| w4w      | : 5  |
| (Other): | 9    |

isnt pleas love great  
said  
tell e beauti  
just like hope ask chat  
good will can  
way black time your  
long saw get  
say today work  
guy want back let  
know day think

## Women

week  
your love dream  
start dont sweet even  
park talk met woman e  
think hair time one find  
know hope time get way  
can see thank kind in day wear  
got cute never te want tell  
eye said to wish like  
just smile tri mayb made  
pleas beautiful you

# Overview of Corpus

w4m

want  
said thought pleas  
sweet someth mayb  
black even look wear  
think cute just call time  
can get love got met  
kind made day leav  
find see thank start way  
realli wanna tell  
wish know talk hope  
dont smile park work  
gorgeous hair  
week never

# m4m

interrupt time talk  
man want handsom  
get <sup>one</sup> guy red tell  
let look realli chat  
like suck love fuck  
hot cute hit just eye said  
hey around morn  
run meet great nice  
see contact smile

m4w

[illegible]

# LDA Modeling

|          |          |          |            |           |           |          |          |          |          |          |          |
|----------|----------|----------|------------|-----------|-----------|----------|----------|----------|----------|----------|----------|
| Topic 1  | Topic 2  | Topic 3  | Topic 4    | Topic 5   | Topic 6   | Topic 7  | Topic 8  | Topic 9  | Topic 10 | Topic 11 | Topic 12 |
| "dinner" | "said"   | "suck"   | "know"     | "guy"     | "see"     | "time"   | "said"   | "ive"    | "tell"   | "smile"  | "always" |
| "know"   | "told"   | "want"   | "time"     | "asian"   | "think"   | "can"    | "got"    | "truth"  | "just"   | "tri"    | "back"   |
| "friend" | "talk"   | "let"    | "see"      | "older"   | "want"    | "look"   | "want"   | "love"   | "get"    | "leav"   | "good"   |
| "chat"   | "eye"    | "live"   | "met"      | "work"    | "know"    | "cross"  | "back"   | "will"   | "tri"    | "didnt"  | "just"   |
| "bar"    | "wish"   | "may"    | "email"    | "read"    | "look"    | "hope"   | "red"    | "time"   | "reason" | "love"   | "know"   |
| Topic 13 | Topic 14 | Topic 15 | Topic 16   | Topic 17  | Topic 18  | Topic 19 | Topic 20 | Topic 21 | Topic 22 | Topic 23 |          |
| "pleas"  | "talk"   | "walk"   | "want"     | "let"     | "read"    | "cute"   | "car"    | "see"    | "dont"   | "never"  |          |
| "day"    | "want"   | "look"   | "like"     | "ever"    | "get"     | "black"  | "see"    | "morn"   | "know"   | "like"   |          |
| "smile"  | "just"   | "eye"    | "get"      | "year"    | "couldnt" | "hair"   | "look"   | "say"    | "sex"    | "tell"   |          |
| "time"   | "dont"   | "see"    | "love"     | "hope"    | "open"    | "wear"   | "drive"  | "just"   | "fun"    | "want"   |          |
| "know"   | "littl"  | "caught" | "interest" | "still"   | "went"    | "know"   | "around" | "time"   | "goe"    | "said"   |          |
| Topic 24 | Topic 25 | Topic 26 | Topic 27   | Topic 28  | Topic 29  | Topic 30 | Topic 31 | Topic 32 | Topic 33 | Topic 34 |          |
| "front"  | "anoth"  | "can"    | "love"     | "look"    | "mayb"    | "just"   | "bff"    | "your"   | "look"   | "get"    |          |
| "smile"  | "phone"  | "miss"   | "will"     | "girl"    | "time"    | "way"    | "now"    | "just"   | "like"   | "pretti" |          |
| "pic"    | "someth" | "just"   | "know"     | "smile"   | "hope"    | "like"   | "thing"  | "know"   | "day"    | "tell"   |          |
| "got"    | "around" | "rap"    | "heart"    | "handsom" | "day"     | "black"  | "good"   | "wear"   | "today"  | "like"   |          |
| "share"  | "cell"   | "window" | "without"  | "drink"   | "think"   | "work"   | "flight" | "start"  | "friend" | "see"    |          |

>90% male posters



# LDA Modeling

|          |          |          |            |           |           |          |          |          |          |          |          |
|----------|----------|----------|------------|-----------|-----------|----------|----------|----------|----------|----------|----------|
| Topic 1  | Topic 2  | Topic 3  | Topic 4    | Topic 5   | Topic 6   | Topic 7  | Topic 8  | Topic 9  | Topic 10 | Topic 11 | Topic 12 |
| "dinner" | "said"   | "suck"   | "know"     | "guy"     | "see"     | "time"   | "said"   | "ive"    | "tell"   | "smile"  | "always" |
| "know"   | "told"   | "want"   | "time"     | "asian"   | "think"   | "can"    | "got"    | "truth"  | "just"   | "tri"    | "back"   |
| "friend" | "talk"   | "let"    | "see"      | "older"   | "want"    | "look"   | "want"   | "love"   | "get"    | "leav"   | "good"   |
| "chat"   | "eye"    | "live"   | "met"      | "work"    | "know"    | "cross"  | "back"   | "will"   | "tri"    | "didnt"  | "just"   |
| "bar"    | "wish"   | "may"    | "email"    | "read"    | "look"    | "hope"   | "red"    | "time"   | "reason" | "love"   | "know"   |
| Topic 13 | Topic 14 | Topic 15 | Topic 16   | Topic 17  | Topic 18  | Topic 19 | Topic 20 | Topic 21 | Topic 22 | Topic 23 |          |
| "pleas"  | "talk"   | "walk"   | "want"     | "let"     | "read"    | "cute"   | "car"    | "see"    | "dont"   | "never"  |          |
| "day"    | "want"   | "look"   | "like"     | "ever"    | "get"     | "black"  | "see"    | "morn"   | "know"   | "like"   |          |
| "smile"  | "just"   | "eye"    | "get"      | "year"    | "couldnt" | "hair"   | "look"   | "say"    | "sex"    | "tell"   |          |
| "time"   | "dont"   | "see"    | "love"     | "hope"    | "open"    | "wear"   | "drive"  | "just"   | "fun"    | "want"   |          |
| "know"   | "littl"  | "caught" | "interest" | "still"   | "went"    | "know"   | "around" | "time"   | "goe"    | "said"   |          |
| Topic 24 | Topic 25 | Topic 26 | Topic 27   | Topic 28  | Topic 29  | Topic 30 | Topic 31 | Topic 32 | Topic 33 | Topic 34 |          |
| "front"  | "anoth"  | "can"    | "love"     | "look"    | "mayb"    | "just"   | "bff"    | "your"   | "look"   | "get"    |          |
| "smile"  | "phone"  | "miss"   | "will"     | "girl"    | "time"    | "way"    | "now"    | "just"   | "like"   | "pretti" |          |
| "pic"    | "someth" | "just"   | "know"     | "smile"   | "hope"    | "like"   | "thing"  | "know"   | "day"    | "tell"   |          |
| "got"    | "around" | "rap"    | "heart"    | "handsom" | "day"     | "black"  | "good"   | "wear"   | "today"  | "like"   |          |
| "share"  | "cell"   | "window" | "without"  | "drink"   | "think"   | "work"   | "flight" | "start"  | "friend" | "see"    |          |

>25% female posters

# LDA Modeling

|          |         |
|----------|---------|
| Topic 1  | Topic 2 |
| "dinner" | "said"  |
| "know"   | "told"  |
| "friend" | "talk"  |
| "chat"   | "eye"   |
| "bar"    | "wish"  |

|          |          |
|----------|----------|
| Topic 13 | Topic 14 |
| "pleas"  | "talk"   |
| "day"    | "want"   |
| "smile"  | "just"   |
| "time"   | "dont"   |
| "know"   | "littl"  |

|          |          |
|----------|----------|
| Topic 24 | Topic 25 |
| "front"  | "anoth"  |
| "smile"  | "phone"  |
| "pic"    | "someth" |
| "got"    | "around" |
| "share"  | "cell"   |

"Hey there, we chatted last night at lane splitters. I thought you were interesting, if you want to chat again or tennis lemme know."

"You and your friend were here I was in a flanel sitting at the bar I was looking for you but you were gone. Let me know what you were wearing"

"Hi, you were the blonde playing with your hair, we chatted for 10 mins while riding the 61 shuttle from Stinson beach. I wanted to ask you out but your stop came up so abruptly and you got of with your mom and friends from Brazil. I was with my friend from Colombia, she's not my girlfriend. You'll probably never see this, but anything can happen."



# LDA Modeling

"You were on your bicycle near  
mountaintheatre preparing yourself  
for an epic downhill. I drove past, we  
smiled at one another. I turned around  
to come back and talk with you but  
you were gone! Tell me what I was  
driving and your name! You were/ are  
gorgeous!"

"Ruth! I'm Scott. Also, I'm an idiot.  
Why didn't I give you my number? Or  
invite you out to dinner right then?! I'll  
prolly never see you again, but... You  
were walking behind me at the Bay  
Street shops in Emeryville when I  
dropped my car key and you grabbed  
it for me and called out to me. You're  
driving a rental car because yours was  
hit recently and the plates are from  
Washington, but you're from here.  
Please please find me :D"

|          |          |          |          |
|----------|----------|----------|----------|
| Topic 8  | Topic 9  | Topic 10 | Topic 11 |
| "said"   | "ive"    | "tell"   | "s"      |
| "got"    | "truth"  | "just"   | "t"      |
| "want"   | "love"   | "get"    | "l"      |
| "back"   | "will"   | "tri"    | "d"      |
| "red"    | "time"   | "reason" | "l"      |
| Topic 19 | Topic 20 | Topic 21 |          |
| "cute"   | "car"    | "see"    |          |
| "black"  | "see"    | "morn"   |          |
| "hair"   | "look"   | "say"    |          |
| "wear"   | "drive"  | "just"   |          |
| "know"   | "around" | "time"   |          |
| Topic 30 | Topic 31 | Topic 32 | Topic 33 |
| "just"   | "bff"    | "your"   | ""       |
| "way"    | "now"    | "just"   | ""       |
| "like"   | "thing"  | "know"   | ""       |
| "black"  | "good"   | "wear"   | ""       |
| "work"   | "flight" | "start"  | ""       |

# LDA Modeling

| Topic 4 | Topic 5 | Topic 16 |
|---------|---------|----------|
| "guy"   | "asian" | "let"    |
| "older" | "work"  | "ever"   |
| "read"  | "year"  |          |

"Hi, I doubt u will read this but I'm the older guy there with my lady friend. u were the young cute guy with dyed red hair up in a bun. You were with a young girl we exchanged a few glances. U were really hot. if u read this let me know"

"Old. Ugly. Unmarried. Wrinkled. Prude. Your permanently creased forehead denotes misery. Get a life."

"I was on my way home from work last week and you were probably doing the same. At first I didn't notice anyone since I was reading my book. I felt that someone was watching me so I glanced up a couple times and saw you checking me out. I'll admit that I was turned on seeing an older guy check me out, I even dropped my bookmark so I could bend over and make sure it was me you were checking out. I wish you had gotten your number because I would love to see you again. It's a total turn on to have a guy tribute to me. Drop me a line if you see this."

# Generative Language Model

## Using previous word:

“Do you sometime.”

“Perfect example of your atm.”

“its a weird face stretch thing.”

Try it!

<https://github.com/hrs/markov-sentence-generator>

## Using previous two words:

“I feel so lame posting on here, don't say much, but we couldn't talk but our eyes met again.”

“Would like to hang out? You weren't laughing.”

“Two men would that be? I haven't asked you out but your long blonde hair, beard.”