

# 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

## 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  
telli beauty  
just like hope ask chat  
walk can  
good will your  
eye way black time get  
car long saw got let  
say today work  
guy want back  
know day think

## Women

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



# 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"    | "you"    | "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 Top  
"w" "guy" "se  
"e" "asian" "th  
"e" "older" "wa  
"i" "work" "kn  
"il" "read" "lo  
Topic 16 Topic  
"ant" "let"  
"like" "ever"  
"jet" "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"

"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."

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

# 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.”