

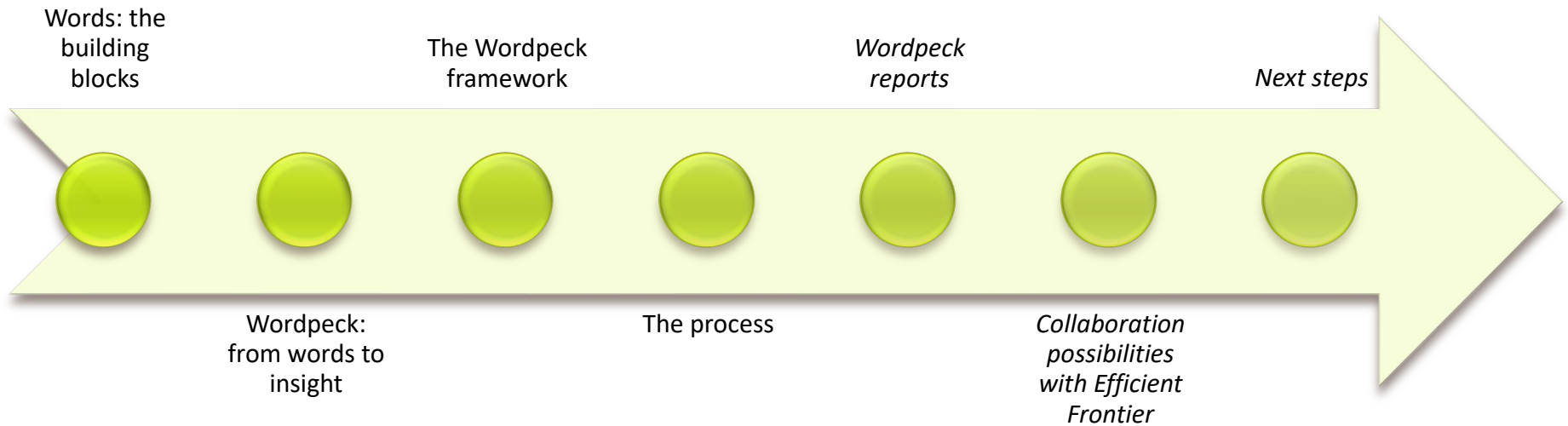


# ***Wordpeck: A new paradigm for finding keyword associations***

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# Agenda



# The world of words ... their meanings ... finding best bets for advertising, captioning and positioning



# Association in the mind start from general to specific

- Finding general to specific context for any common word or brand

## Word basket for “Home Loan”

Words that frequently refer to “Home Loan”			Words people think of when they connect “Home Loan”		
1	Bank	100%   20	1	Emi	100%   20
2	Hike	100%   20	2	Convenience	100%   20
3	Rate Hike	100%   20	3	Gift	100%   20
4	Entitlement	100%   20	4	Ready-to-occupy	100%   20
5	Floating Rate	50%   10	5	Under-construction	100%   20
6	Apartments	50%   10	6	Plot	100%   20
7	Loans	50%   10	7	Transfer	50%   10
8	Real Estate	50%   10	8	Renovate	50%   10
9	Mortgage	50%   10	9	Build	50%   10
10	Payment	50%   10	10	Top-up	25%   5
11	Secured	25%   5	11	Loan	25%   5
12	Insurance	25%   5	12	Eligibility	25%   5
13	Documentation	25%   5	13	Floating Rate	12.5%   2

# WordPeck: Current database

## Current statistics

- **1,815,420** words are seeds (have both incoming and outgoing connections)
  - For example, “home loan” is a seed
- **6,958,690** unique words or terms are connected to 15420 seeds
  - (loan, city, flat ... >> home loan)
- The above unique connections were established by **14,066,637** relationships of seeds and connections (for example “home loan >> bank”)

## How do we increase data?

The data is from a limited exposure to 2000 users. As we expand user base through more enhanced UI and Facebooks apps, we can quickly make this data go up by 100x times in 2 quarters.

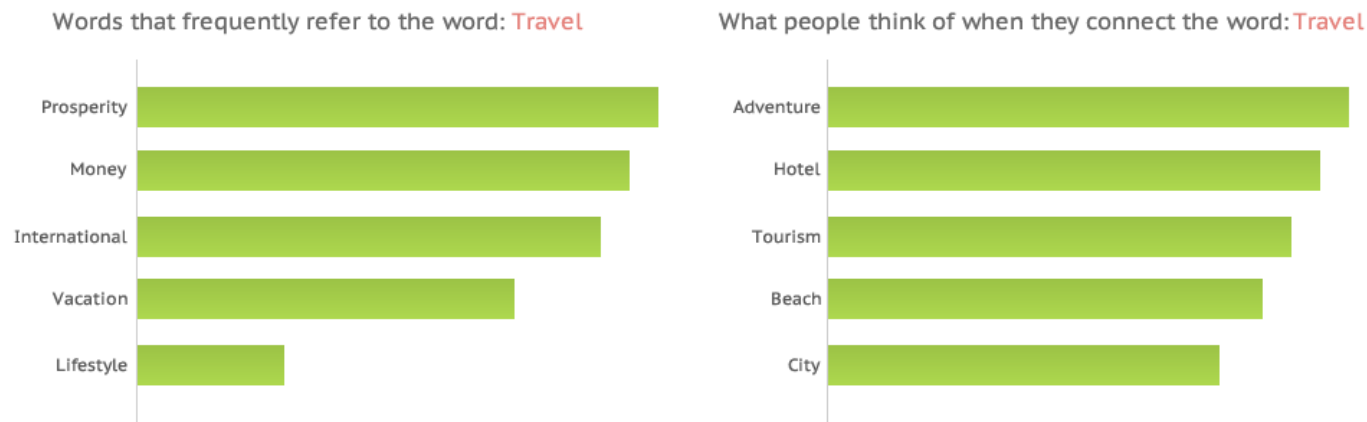
We are training a crawler to find seed to connection and connection to see word associations for any phrase/ term. Test shows we can get 20,000 relationships / set of phrase from a trained crawler and 65% relations are appropriate. We are improving algorithm further

# Words: The building blocks

- Words form thoughts
  - Words are basic units of human cognition
  - Human thoughts are represented by words
- Thoughts influence behavior
  - Understanding words and their relationships is the key to understanding and influencing behavior
- Efficient, non-obvious but relevant keyword are good ad bets
  - Wordpeck is a step is toward unraveling this understanding
  - Wordpeck output helps find most efficient, obvious, or non-obvious word recall
  - Use these words to broaden keyword phrases you want to bid
- Advertizing algorithms: Future: Ad on Fly
  - Use Wordpeck data to create new phrases, captions, ad lines, metadata, synonym etc.
  - For Facebook users, customized ads can be created that use frequently-used words or word-associations by user/social circle

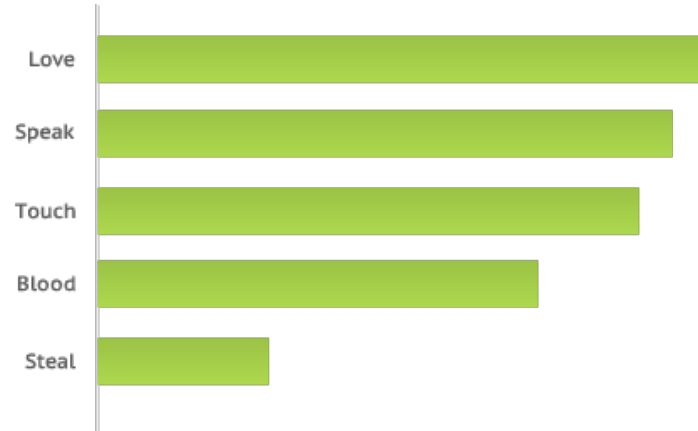
# Research app: Wordpeck

- WordPeck is a social platform/game
  - Right now, users log on to [www.WordPeck.com](http://www.WordPeck.com) (protected and accessible only after general authentication) and *play* WordPeck
  - They are given a seed word and are requested to enter as many direct, indirect, or abstract words as they think are connected to the seed word
  - Users can enter as many words as possible in a pre-determined timeframe
- Administration panel and processing engine
  - Record connections and builds a 360-degree view of words
  - Understands word density - The connections are aggregated and we find dominant connections out of the aggregated and filtered data
  - Understands preferred words/associations by a user



# WordPeck: 360-degree word association – Understanding sentiments

Words that frequently refer to the word: **Heart**



What people think of when they connect the word: **Heart**



Love is heart  
Speak your heart  
Touching is heart-rending  
Blood goes to heart  
Body organs contain heart  
Steal a heart  
Open your heart  
Follow your heart  
Right place is to follow heart  
Body parts starts with heart

Heart is a source of love  
Without heart no soul  
Kind heart needs a sound mind  
Beware of beating hearts  
Heart kindles all passion  
No heart, no care  
Heart defines blood relations  
Heart is a child  
Heart is a seat of power  
Heart is a bed of feelings



# Home page – New look coming next week

WordPeck<sup>TM</sup>  
because every word counts

Register / Sign in

Connected 15260 words with 56971 unique words from a total of 451661 valid words.

I am looking for best keywords for..


☒ search text ☐ search urls

SearchPlay The Game

home loan = loan application, bank loan , housing finance & tax benefits ??

See It In Action

Home Loans	Home Loans	Home Loans
Finance Noida	Finance Noida	Finance Noida
Education Abroad	Education Abroad	Education Abroad



WORDPECK, the most intellectual keyword generator on the web which can help you invent cost effective metatag/keyword

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# Add Word Associations

WordPeck™

because every word counts

[Your Account](#) / [Sign out](#)

Play WordPeck for:

Home Loan



What words do you associate with Home Loan?

Type comma separated values



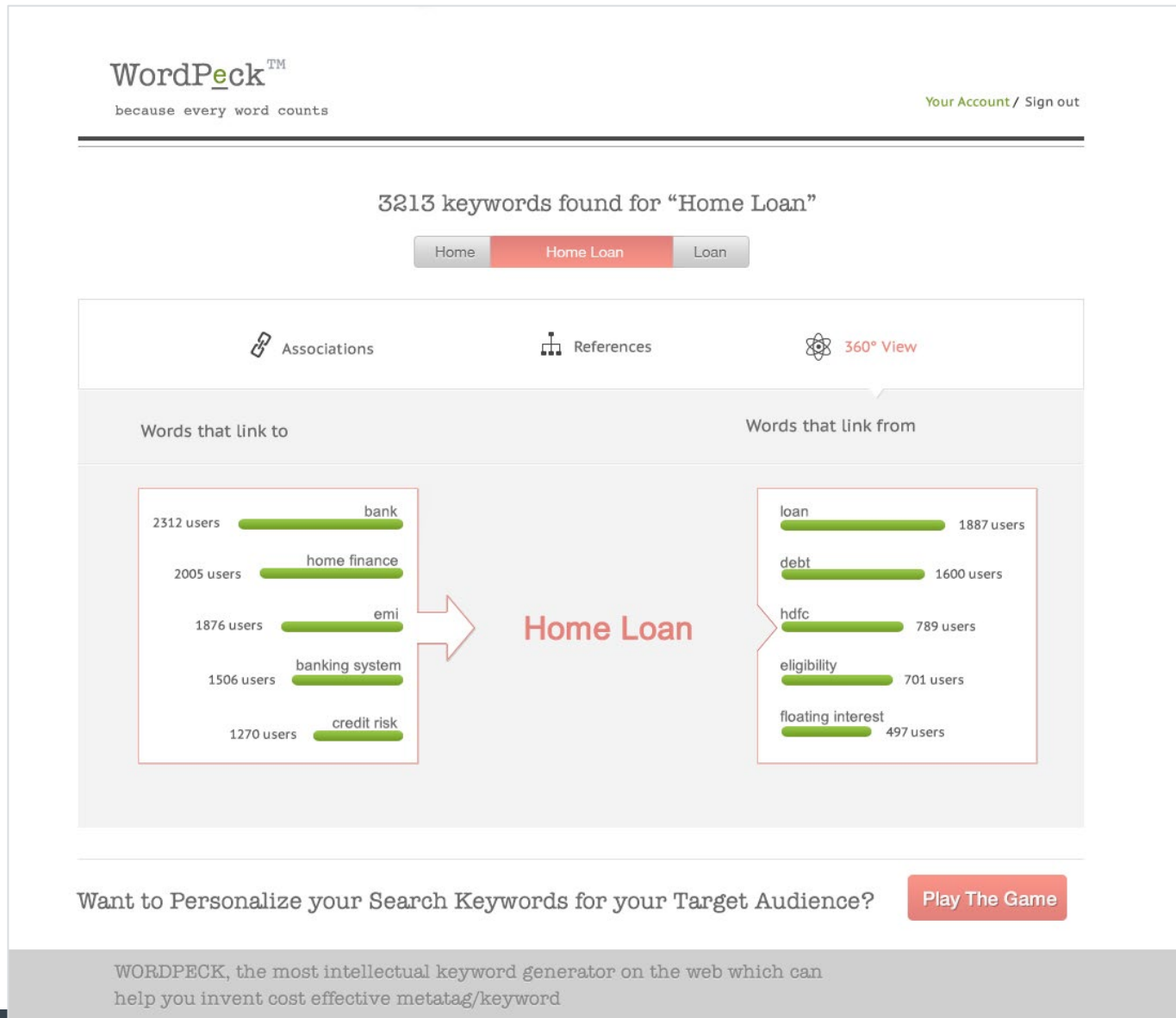
Submit

Want to find the best keywords for your Search Engine Marketing?

[Browse WordPeck](#)

WORDPECK, the most intellectual keyword generator on the web which can help you invent cost effective metatag/keyword

# Report Connections: 360 degree view of a word



*Questions...*

# Summary

- Wordpeck finds non obvious relationships of words. This can help generate more relevant but non-obvious keywords for ad-bidding
- The process of searching preferred adwords for Google bidding is simplified
- User preferences and thought process is stored for future computation
- Generic demographic data can fetch new insights for targeted marketing

# WordPeck: Word Density

- Find density of words calling a word or referred to by a word
- Better algo than conventional Tag cloud
- Finds words calling “selected” words, and word “selected” word refers to. See example for home loan

## **home loan** as a word:

Most dominant seeds: **Loan (7)**, **Bank (6)**, **Banking System (4)**.

Total connections: 118

Unique connections: 74

Connections identified by: 33

Last wordpecked by: **aaushpant12453212** [Login to view stats]

Last wordpecked on: 2012-06-21 16:43:38

Max connections established by: **asit.pant (14)** [Login to view stats]

## **home loan** as a seed. Owner is **Shalini** [Login to play this seed]

Most dominant words: **Loan (15)**, **Debt (8)**, **Eligibility (7)**.

Total no. of times wordpecked: 291

Used as a connector by: 163 words.

Connected by: 19 users.

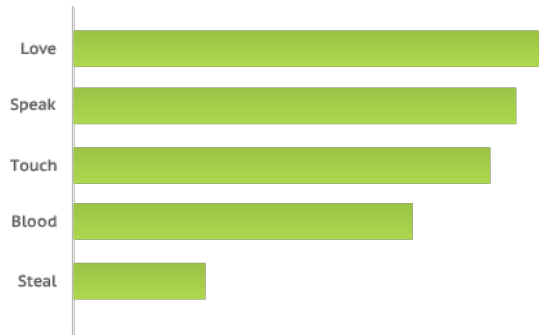
Last connected by: **sunandinibas** [Login to view stats]

Last connected on: 2012-06-21 13:42:59

Max connected by: **asithpant (66)** [Login to view stats]

# WordPeck: 360-degree word association – More examples

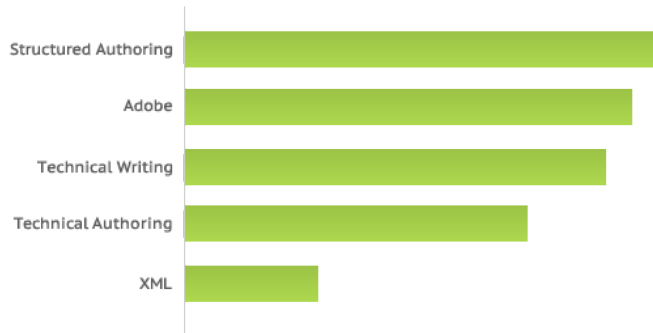
Words that frequently refer to the word: **Heart**



What people think of when they connect the word: **Heart**



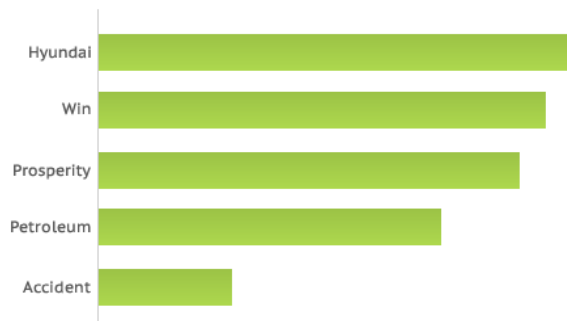
Words that frequently refer to the word: **Framemaker**



What people think of when they connect the word: **Framemaker**



Words that frequently refer to the word: **Cars**



What people think of when they connect the word: **Cars**

