



# **How to Create A Flask Demo For Your Work**

**Shuai @ Fei's Text ming Team  
VIA Meeting, Feb 6th, 2017**



# Objective: Make Our Clients HAPPY!

1. ***Visualize*** our work to make it more attractive to clients
2. Make our work “***playable***” so our clients are feeling better



# How: Put it in a Flask Demo!

***Flask*** is a *lightweight, python-based* library to create web applications.

**Interactive:** Clients can play with it

**Visualization:** display results, figures in the real-time after interaction



## Semantic Tagging With Bayes Networks

Input a Title For Recommendation:

### Interactive Input

Input a Title Query and Its LOB

Submit

### Output Visualization: Text

#### Query

Arizona Changes

#### Closest Words Found in Database

statename change

#### Clean Internal Phrase Representation

XX statename\_change change

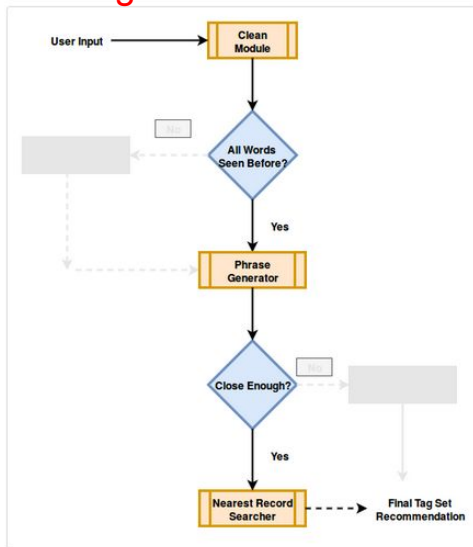
#### Jaccard Nearest Confidence (0~100%)

100.00%

#### Tag Recommendation

arizona,state change,state exception,special  
provision,amendatory  
endorsement,property,change

### Output Visualization: Image



# Demo Time: Let's Start a Demo!





# **Demo Time: “How is the Weather?”**

**Can be found via VIA git:**

**<https://github.com/ShuaiVerisk/flaskDemo.git>**



# Wrap-up

1. **The demo package is ready-to-use (just change the function)**
2. **Easy to add more snippets ( buttons, controls)**
  - a. **<http://bootsnipp.com/forms>**
3. **Want an in-depth tutorial? Here you go:**
  - a. **[Flask tutorial](#)**



# **VIA-Picture Sharing Tradition: My Weddings**





**2011:**  
**We start dating**



**2016:  
Married!**





