

# Meet Heather

14

Meds



# Meet Heather

7

Meds





# Polypharmacy

## DEFINITION

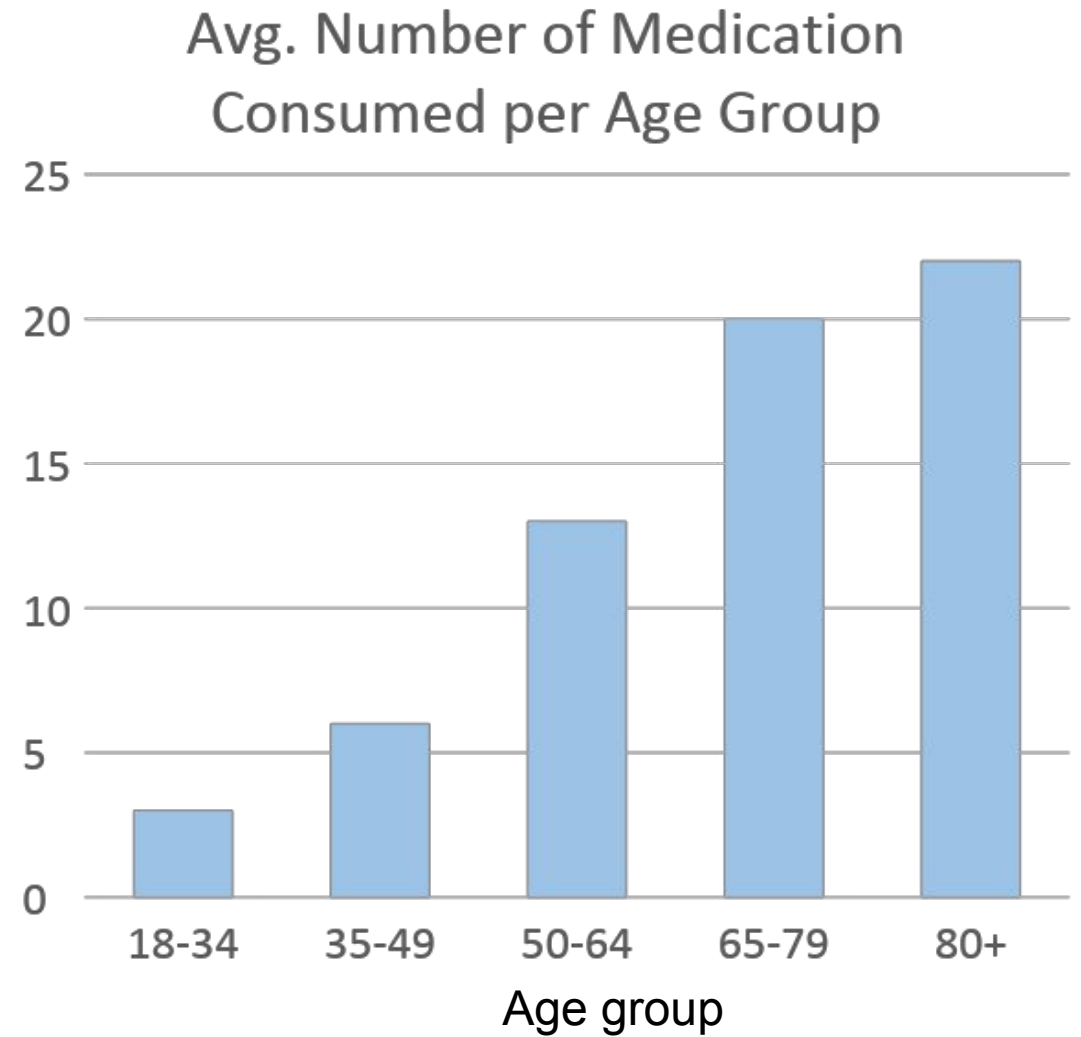
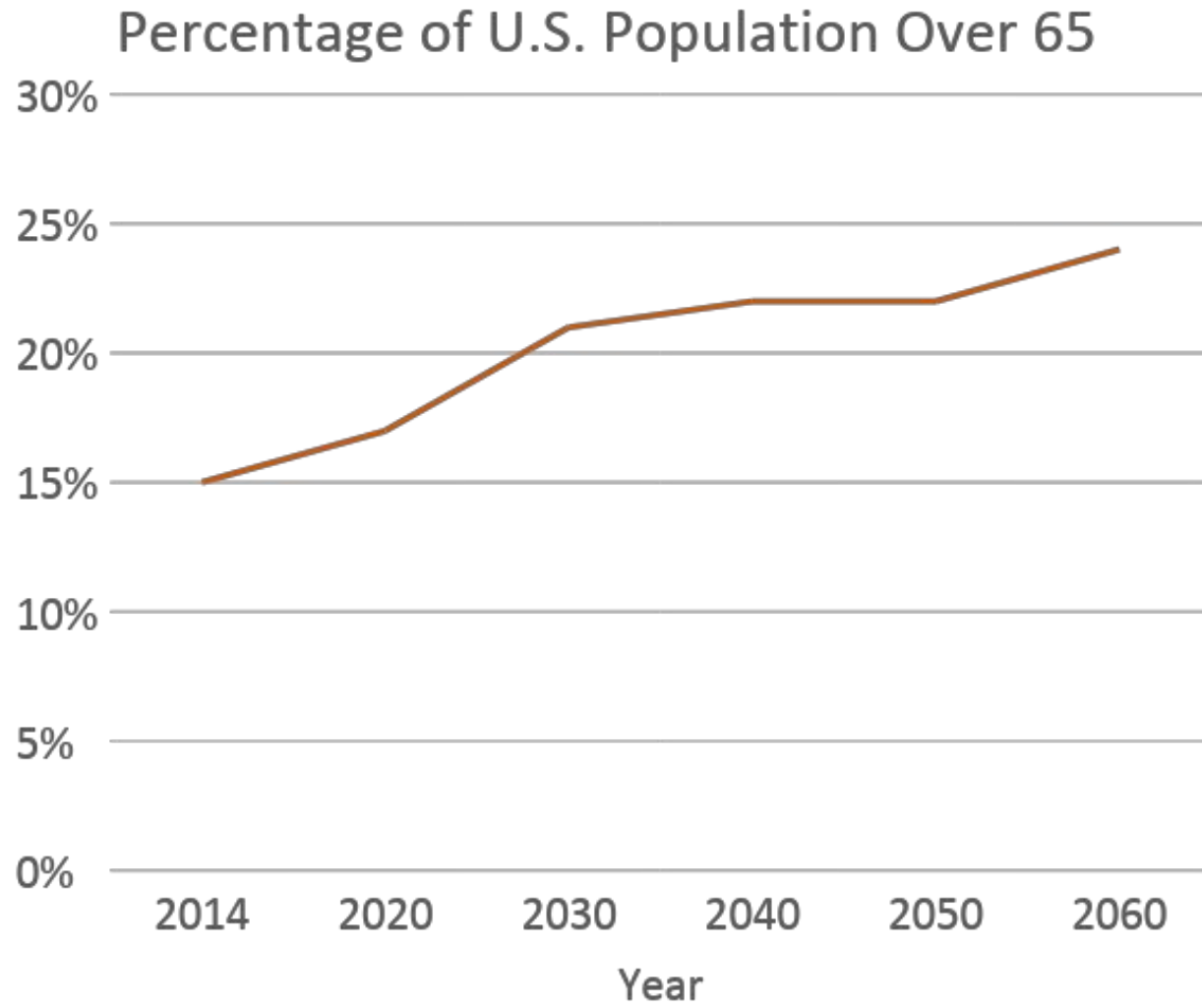
Taking 5+ meds

## PROBLEM

Unintended  
Adverse Symptoms



# Older adults will make up a larger % of the population



And take more meds.

**Properly  
Prescribed  
Drugs lead to**

**1.9M**

Hospitalizations

**4th**

Leading cause of Death



# My Symptom Minimizer

Hi Heather!

My Meds

My conditions

My Symptoms

Possible Symptoms

Recommendations

Symptom	Med 1	Med 2	Med 3	Med 4	Med 5	Med 6	Med 7	Med 8	Med 9
Vomit	✓			✓		✓			
Diarrhea	✓	✓	✓	✓	✓		✓	✓	✓
Nausea	✓		✓		✓	✓	✓		
Rash		✓		✓					
Light headed	✓		✓				✓		
Itching	✓	✓				✓			✓
Allergic Reaction		✓	✓				✓		

# My Symptom Minimizer

Hi Heather!

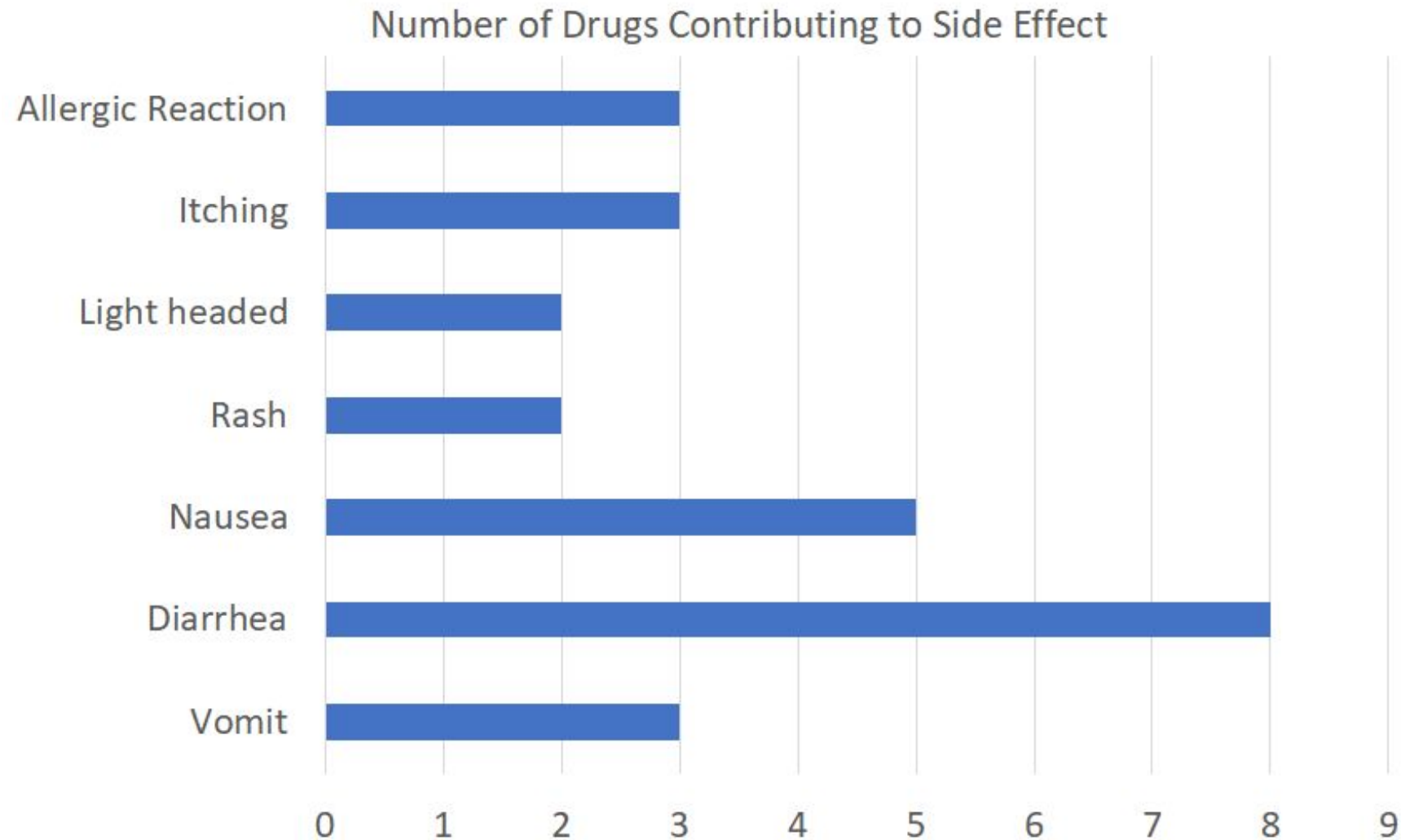
My Meds

My conditions

My Symptoms

Possible Symptoms

Recommendations



# My Symptom Minimizer

Hi Heather!

My Meds

My conditions

My Symptoms

Possible Symptoms

Recommendations

Vomit

Diarrhea

Nausea

Rash

Light headedness

Itching

Allergic reaction

Excessive Sweating

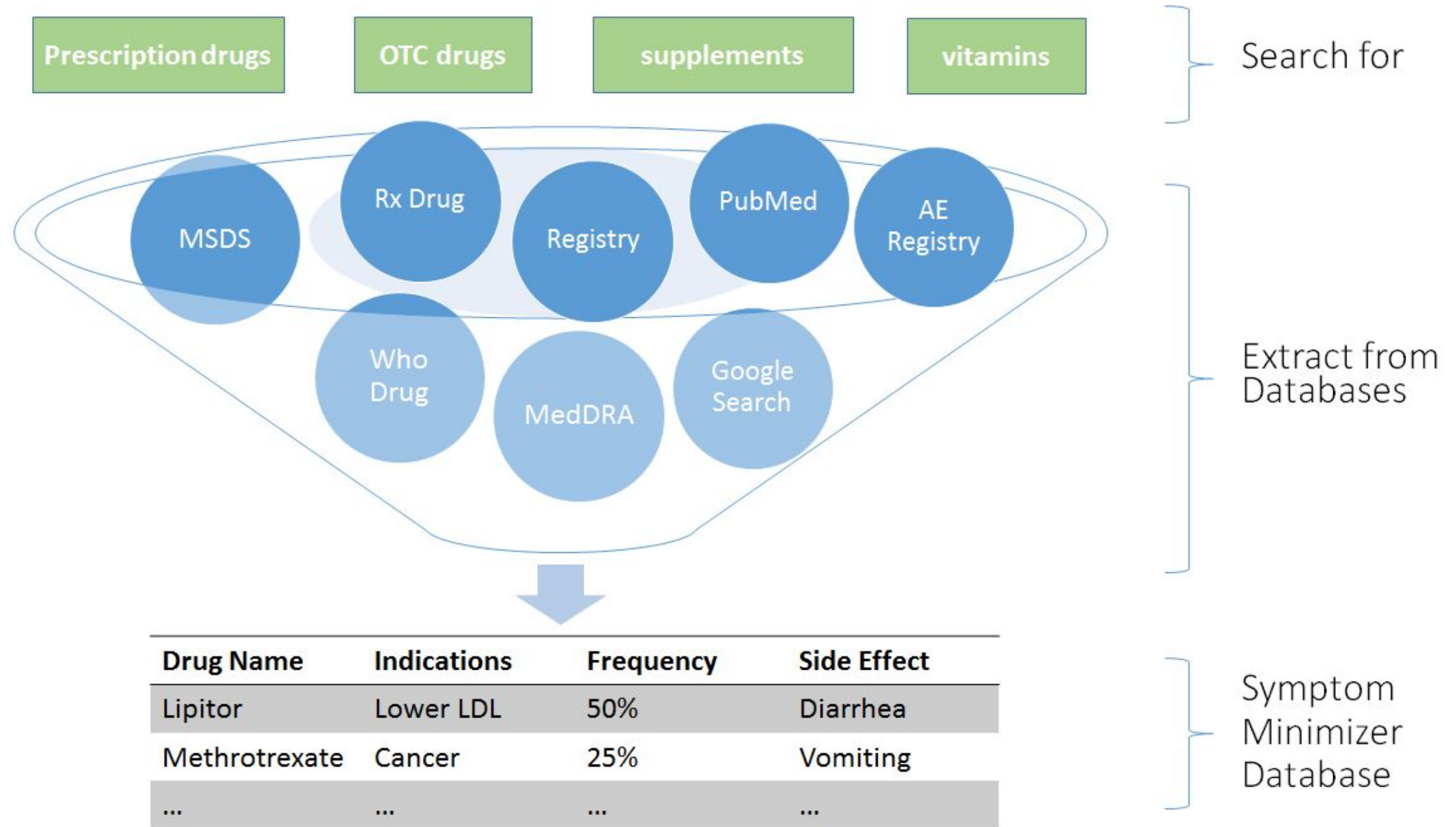
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January 2019 ▼

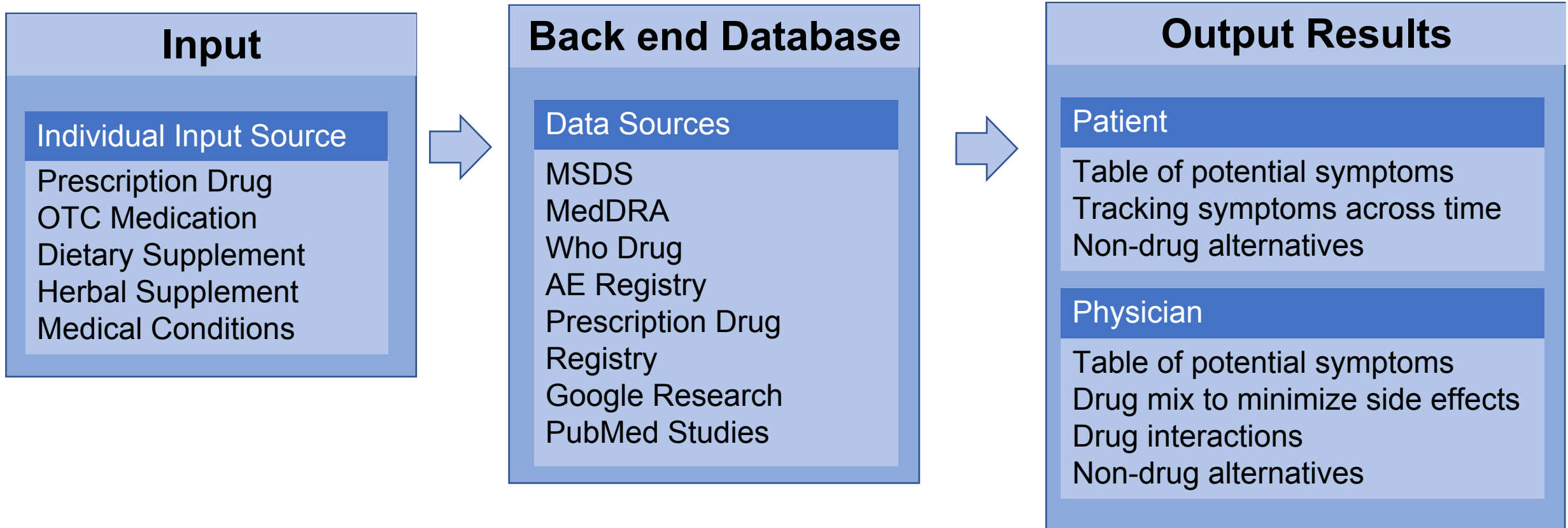




# Generation of Knowledge Database



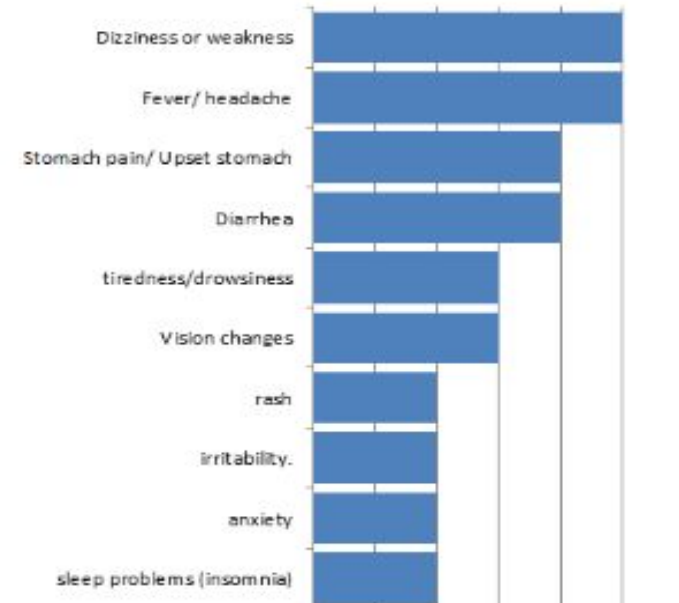
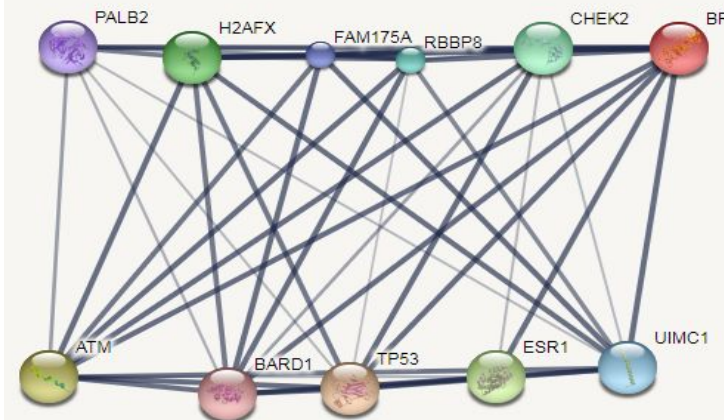
# Symptom Minimizer Flow



# Data Visualization

Symptom	Warfa	Diflunis	heophylli	iprofloxa	Methotrex	Cou
Fever/ headache	1	1	1	1	1	5
Dizziness or weakness	1	1	1	1	1	5
Diarrhea	1		1	1	1	4
Stomach pain/ Upset stomach		1	1	1	1	4
Vision changes	1	1		1		3
tiredness/drowsiness		1		1	1	3
Nausea/Vomiting	1				1	2
Bruising that develops without an injury you remember	1				1	2
sleep problems (insomnia)			1	1		2
anxiety			1	1		2
Irritability.			1	1		2
rash				1	1	2
Severe bleeding, including heavier than normal menstrual bleeding	1					1
Red or brown urine	1					1
Black or bloody stool	1					1
Joint pain, discomfort or swelling, especially after exercise	1					1
Coughing up blood	1					1
Ringing in Ears		1				1
Mental/Mood Changes		1				1
Hearing Changes		1				1
Bleeding from the gums after you brush your teeth	1					1
Bleeding between menstrual periods	1					1
Fast/pounding heartbeat		1				1
Fainting		1				1
Difficult/painful swallowing		1				1
Symptoms of heart failure (such as swelling ankles/feet)		1				1
Unusual tiredness		1				1
Unusual/sudden weight gain.		1				1
Heartburn		1				1
Headache		1				1
Loss of appetite			1			1
Restlessness			1			1
Weight loss			1			1
Sweating			1			1
Hair loss					1	1
Shills					1	1
Pneumonitis					1	1

Go to Analysis



Inform prescribing  
decisions to maximize  
quality of life.





**Questions???**