

Dataset Metadata

Saturday, September 14, 2019

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Manifal Dataset

Input :-

Reccys :- Input :-
5 to 10 symptoms.

Output :-

10 to 20 medicine names.
★ : Sort based on ratings from drugs.com.
★ NLP engine :-
Based on what platform we choose.

⇒ Input symptoms :-

⇒ Diseases to consider :- (5 to 7)

- ① Dhierria → Diarrhea
- ② Bacterial pneumonia
- ③ MRSA
- ④ H. Pylori
- ⑤ Urinary tract infections
- ⑥ Otitis media

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Symptoms for each disease :-

- 1) Diarrhea
 - ⇒ Loose motion
 - ⇒ Abdominal cramps / pain
 - ⇒ Fever
 - ⇒ Nausea

2) Bacterial pneumonia

- ⇒ Cough with mucus
- ⇒ Chest pain
- ⇒ Fever
- ⇒ Breathlessness

3) MRSA

- ⇒ Pimple like
- ⇒ Red skin
- ⇒ Pus
- ⇒ Warm to touch

4) H Pylori

- ⇒ Stomach pain
- ⇒ Nausea
- ⇒ Gastric
- ⇒ Difficultly swallowing

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5) UTI

- ⇒ Burning sensation during urination
- ⇒ Intense urge to urinate
- ⇒ Stomach pain
- ⇒ Fever

6) Otitis media

- ⇒ Ear pain
- ⇒ Fluid discharge from ear
- ⇒ Trouble hearing
- ⇒ Loss of balance

Medicines for each disease :-

⇒ Ioperamide

- 1) Diarrhea
 - ⇒ Ioperamide
 - ⇒ Lomotil
 - ⇒ Imodium
 - ⇒ Atropine
 - ⇒ Elastex Elastex (Alcohol safe)
 - ⇒ Pepto bismol (Alcohol safe)

2) Pneumonia

- ⇒ Levofloxacin (Alcohol safe (NS))
- ⇒ Clarithromycin (AS)
- ⇒ Levaquin (AS)
- ⇒ Ceftriaxone (AS)
- ⇒ Amoxil (AS)
- ⇒ Azithromycin (AS)

3) MRSA

- ⇒ Vancomycin
- ⇒ Zynox
- ⇒ Linezolid
- ⇒ Daptomycin
- ⇒ Vancoxin
- ⇒ Elixin

4) H Pylori

- ⇒ Omepazole
- ⇒ Clarithromycin
- ⇒ Amoxicillin
- ⇒ Metronidazole (Alcohol not safe)
- ⇒ Pylera (ANS)
- ⇒ Amoxil

5) UTI

- ⇒ Ciprofloxacin
- ⇒ Nitrofurantoin
- ⇒ Cipro
- ⇒ Macrolid
- ⇒ Bactrim (ANS)
- ⇒ Sulfamethoxazole (ANS)

6) Otitis media

- ⇒ Amoxycillin
- ⇒ Cipredex
- ⇒ Augmentin
- ⇒ Cefdinir
- ⇒ Azithromycin
- ⇒ Amoxil

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★ Make the ML model predict the disease, then send the medicine related to that disease as response keeping personal preference in mind.