

# IA de diagnóstico médico

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# Idea principal

A partir de la descripción de un paciente en formato de texto, una IA basada fundamentalmente en NLP analizará la descripción del paciente y hará una predicción sobre la condición del paciente, en adición le ofrecerá posibles medicaciones.

# Ejemplo

Coughing and throat is sore.



# Base de datos

La base de datos a utilizar para el modelo será extraída de UCI Machine Learning repository.

Out[5]:

	Unnamed: 0	drugName	condition	review	rating	date	usefulCount
0	206461	Valsartan	Left Ventricular Dysfunction	"It has no side effect, I take it in combinati...	9.0	May 20, 2012	27
1	95260	Guantfacine	ADHD	"My son is halfway through his fourth week of ...	8.0	April 27, 2010	192
2	92703	Lybrel	Birth Control	"I used to take another oral contraceptive, wh...	5.0	December 14, 2009	17
3	138000	Ortho Evra	Birth Control	"This is my first time using any form of birth...	8.0	November 3, 2015	10
4	35696	Buprenorphine / naloxone	Opiate Dependence	"Suboxone has completely turned my life around...	9.0	November 27, 2016	37
...	...	...	...	...	...	...	...
161292	191035	Campral	Alcohol Dependence	"I wrote my first report in Mid-October of 201...	10.0	May 31, 2015	125
161293	127085	Metoclopramide	Nausea/Vomiting	"I was given this in IV before surgery. I immed...	1.0	November 1, 2011	34
161294	187382	Orencia	Rheumatoid Arthritis	"Limited improvement after 4 months, developed...	2.0	March 15, 2014	35
161295	47128	Thyroid desiccated	Underactive Thyroid	"I&#039;ve been on thyroid medication 49 years...	10.0	September 19, 2015	79
161296	215220	Lubiprostone	Constipation, Chronic	"I&#039;ve had chronic constipation all my adu...	9.0	December 13, 2014	116

161297 rows × 7 columns

## NLP (Natural Language Processing)

