

## Identify online patient conversations

ZS Data Science team collaborates with the Social Listening team for automating the process of gaining insights from social media conversations.

The Social Listening team has to manually validate heart failure related conversations fetched from the social listening tool which scans twitter, Facebook, forums, blogs etc. Such conversations are posted by multiple stakeholders like patients, doctors, media houses, general public, etc. The team needs to identify the patient conversations, so as to dig deeper into them and identify the patient needs. The data science team wants to automate this process by building intelligent algorithms to predict patient conversations.

Build an Intelligent pipeline that can segregate patient conversations from the rest of the group given historically tagged patient data.

You are expected to build an algorithm where they can ingest the social data and get the patient tags - 1 if patient and 0 if not a patient.

Please find the dataset at <http://hck.re/pnsNa4>.

Description of attributes in dataset is given below.

Header	Header Description
Source	Type of Social Media Post
Host	Domain of Social Media Post
Link	Complete URL of post
Date	Date of Post
Time	time Stamp of Post in Eastern Time
Time(GMT)	time Stamp of Post in GMT
Title	Title of the Post
TRANS_CONV_TEXT	Actual Text Conversation of the Post
Patient_Tag	Patient Flag (1= Patient, 0=Non-Patient)