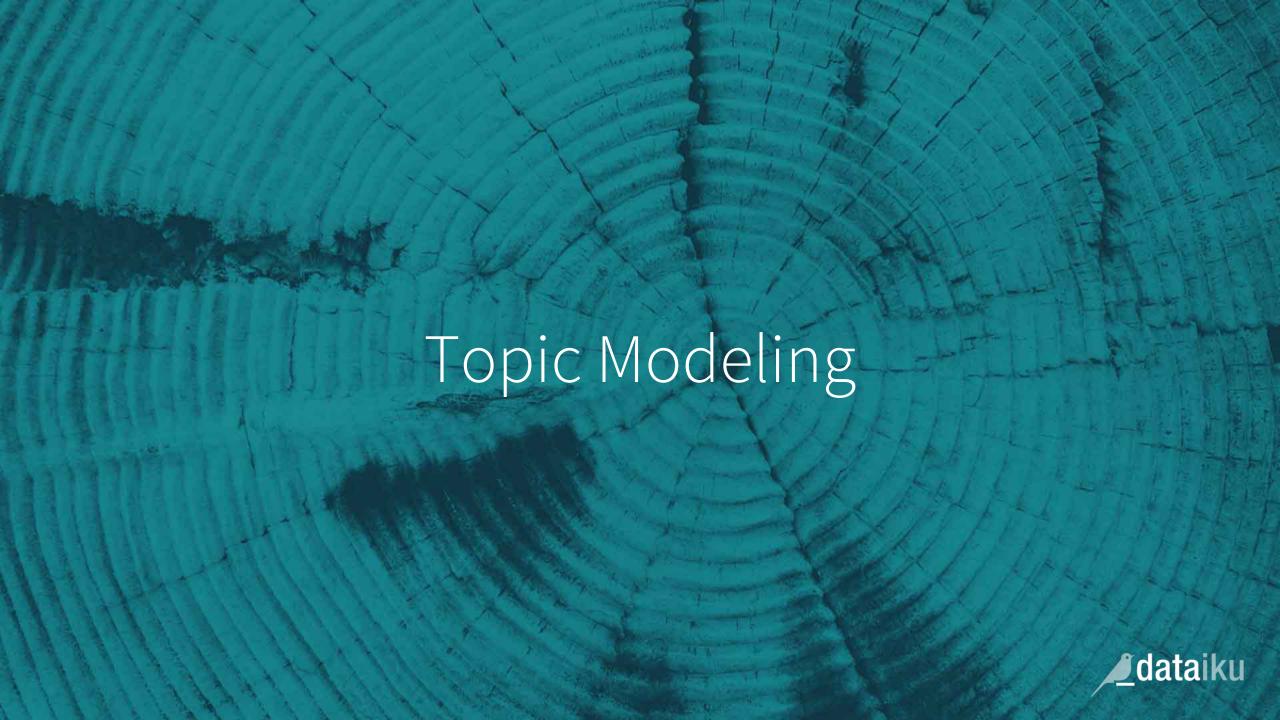


Today's Demo

Topic Modeling of Tweets

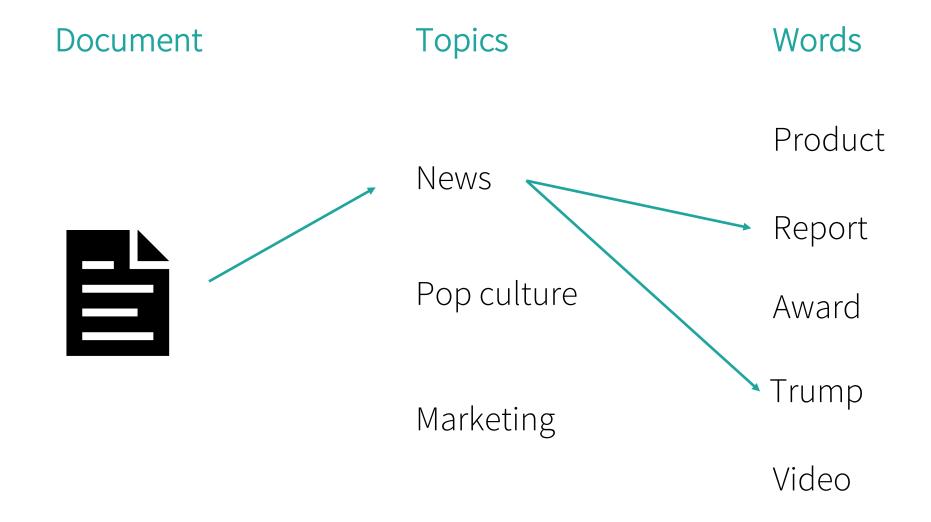






Topic Modeling

A brief intro





Topic Modeling

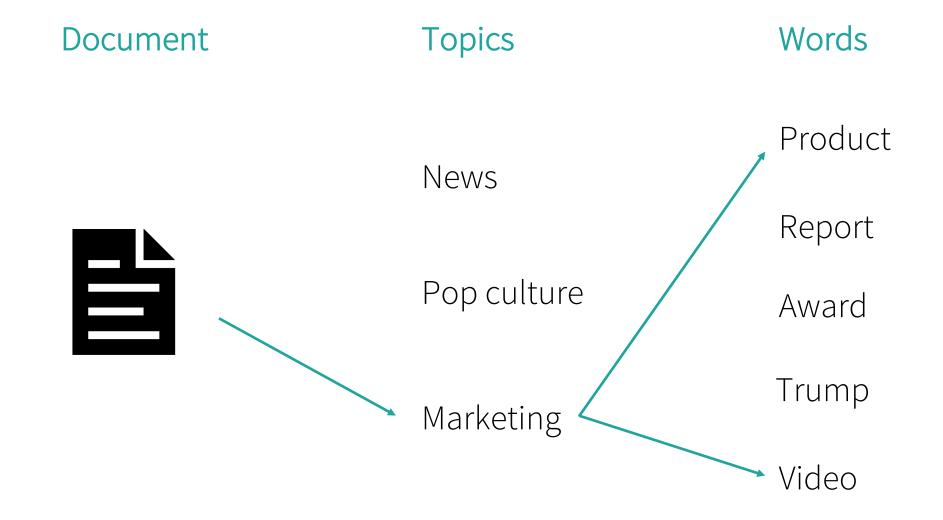
A brief intro

Words Document **Topics** Product News Report Pop culture Award Trump Marketing Video



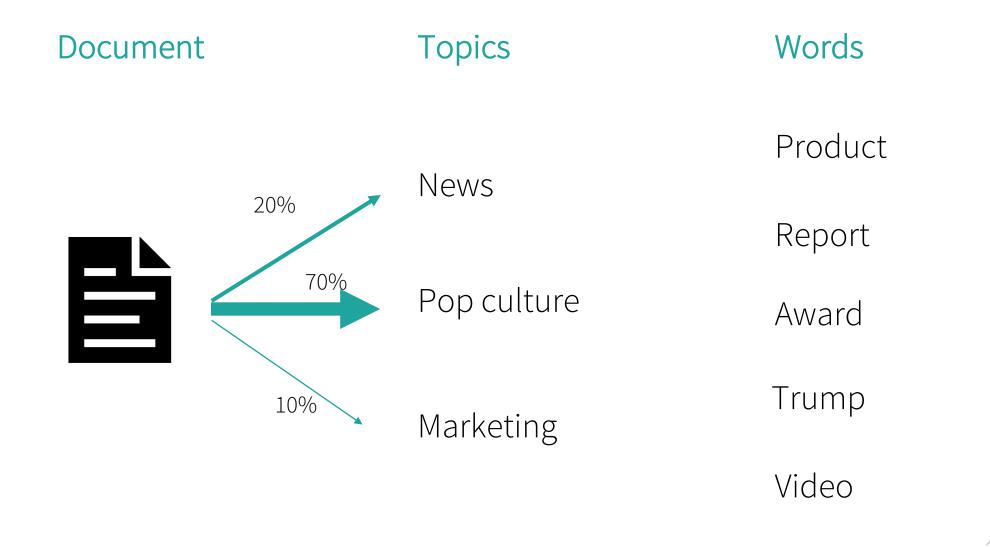
Topic Modeling

A brief intro





Bayesian Topic Modeling

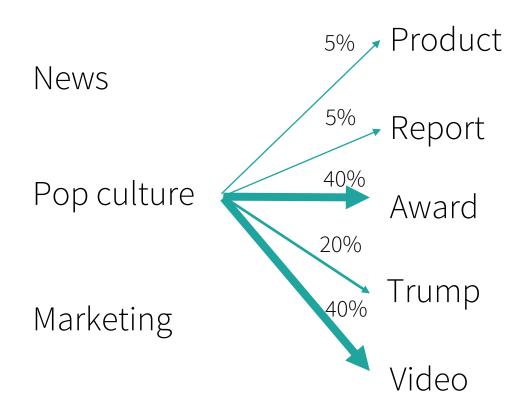


Bayesian Topic Modeling

Document Topics

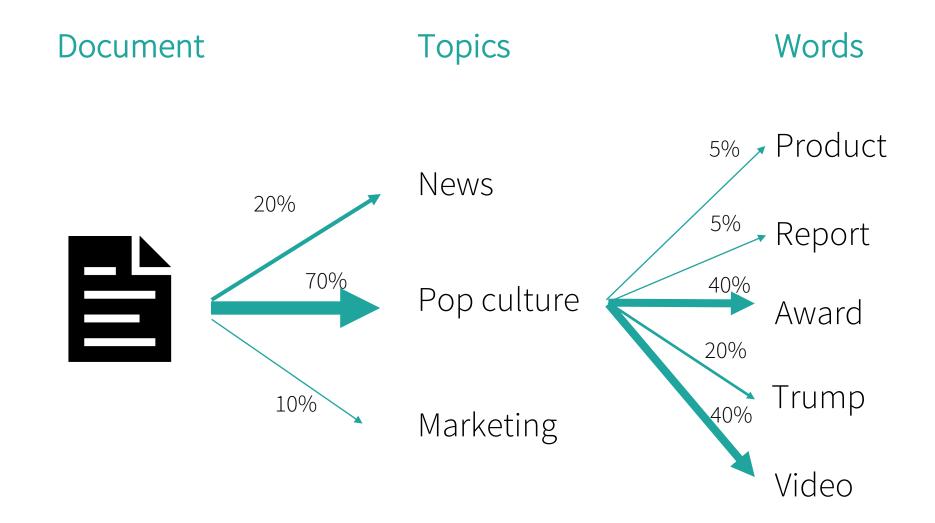
Words





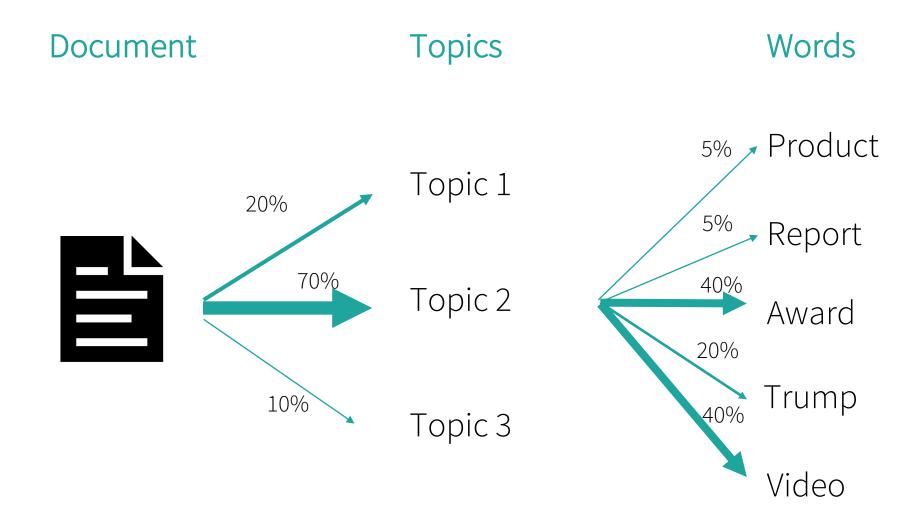


Bayesian Topic Modeling





Topics are "hidden"





Workflow

Documents

Algorithm

Outputs



Distribution of topics for each document

昌

Distribution of words for each topic

Latent
Dirichlet
Allocation

Tweets



