

FastText

FastText Structure

- Express each word into character(n-gram)
- Analogous to Word2Vec
- Better performance in Korean.

FastText Structure

$$P(+|t, c) = \frac{1}{1 + \exp(-u_t \cdot v_c)} = \frac{1}{1 + \exp(-\sum_{g \in G_t} z_g^T \cdot v_c)}$$

G_t : set of n-gram

z_g : element of set G_t