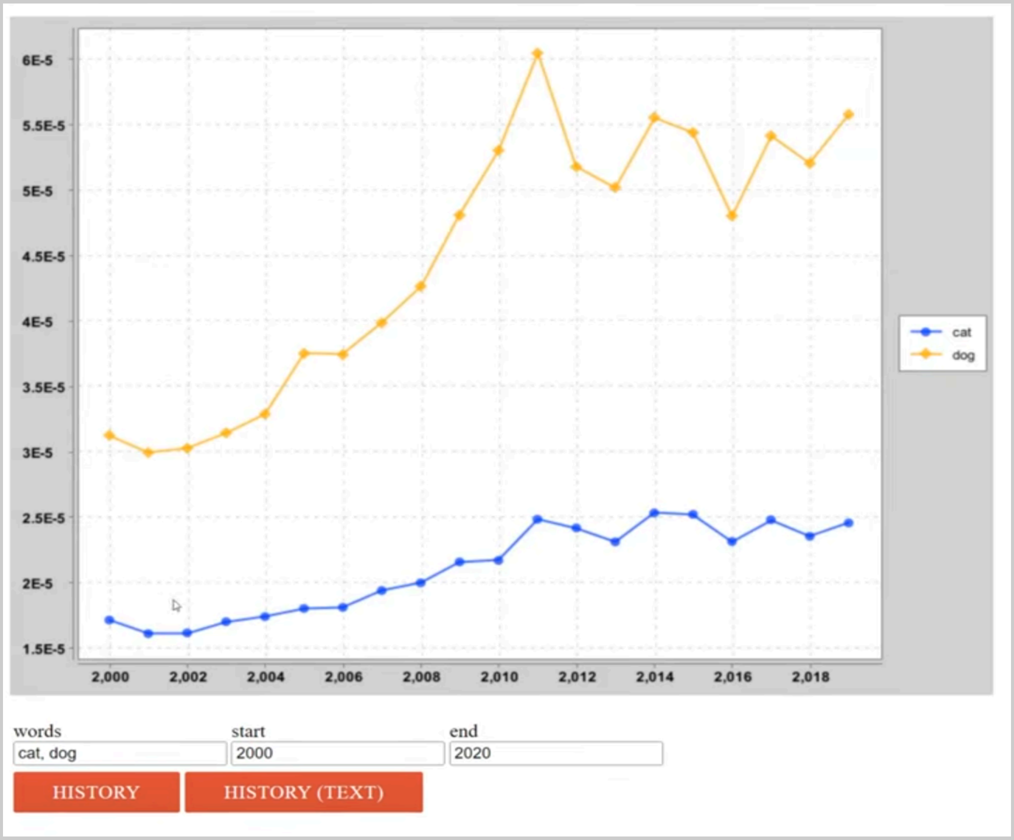
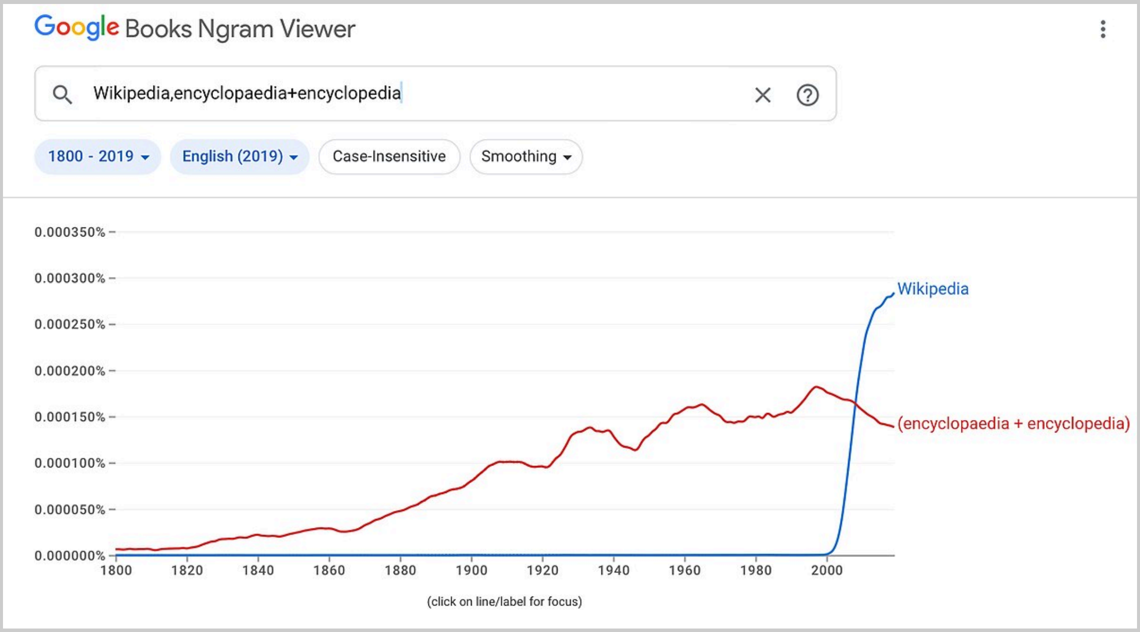
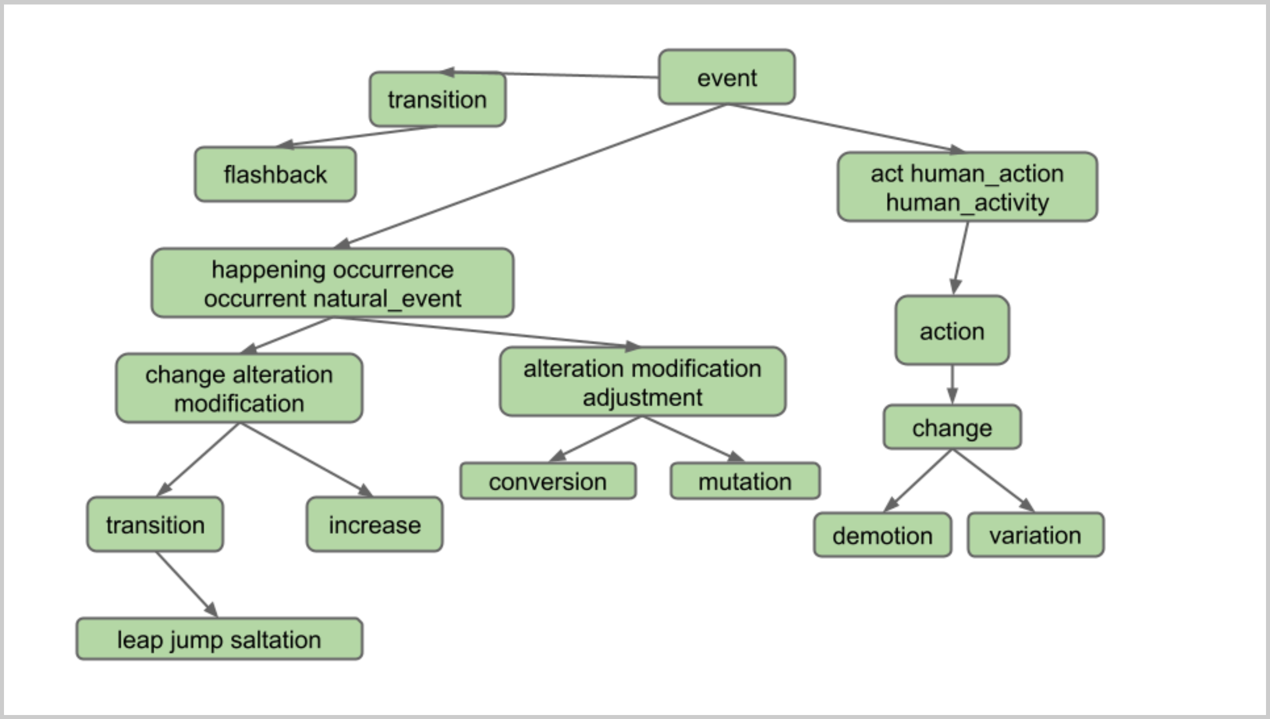


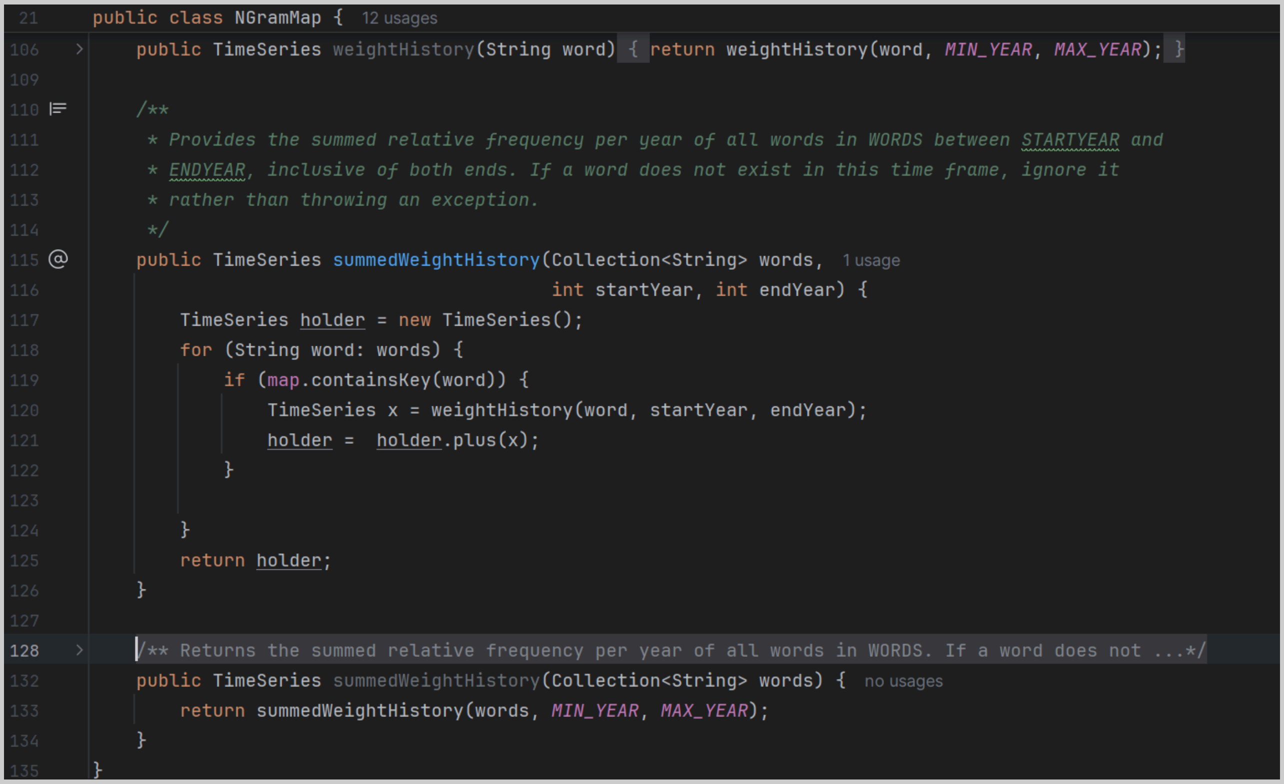
words: cat, dog
start: 2000
end: 2020



Wikipedia,encyclopaedia+encyclopedia

1800 - 2019 | English (2019) | Case-Insensitive | Smoothing


event
transition
flashback
act human_action human_activity
happening occurrence occurrent natural_event
action
change alteration modification
alteration modification adjustment
change
conversion
mutation
transition
increase
demotion
variation
leap jump saltation



```java
public class NGramMap {  12 usages
    public TimeSeries weightHistory(String word) { return weightHistory(word, MIN_YEAR, MAX_YEAR); }

    /**
     * Provides the summed relative frequency per year of all words in WORDS between STARTYEAR and
     * ENDYEAR, inclusive of both ends. If a word does not exist in this time frame, ignore it
     * rather than throwing an exception.
     */
    public TimeSeries summedWeightHistory(Collection<String> words,  1 usage
                                          int startYear, int endYear) {
        TimeSeries holder = new TimeSeries();
        for (String word: words) {
            if (map.containsKey(word)) {
                TimeSeries x = weightHistory(word, startYear, endYear);
                holder =  holder.plus(x);
            }

        }
        return holder;
    }

    /** Returns the summed relative frequency per year of all words in WORDS. If a word does not ...*/
    public TimeSeries summedWeightHistory(Collection<String> words) {  no usages
        return summedWeightHistory(words, MIN_YEAR, MAX_YEAR);
    }
}
```