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Sentiment Analysis.

1. TextBlob — +ve, -ve or neutral

2. Vader lexicon → Sentiment Intensity Analyser. → +ve, -ve or Neutral

Compound-score ⇒ +ve, -ve, -ve

3. Rule-based approach -

Postive.txt - Negative.txt -

Reviews.txt. amazonrev.

String. ⇒

→ lower.
→ Numeric.
→ stopwords.

In general the Reviews are +ve or -ve.

rev- String

58 49.

98. -

P N P

N. N P

P

P

500

1 / 1

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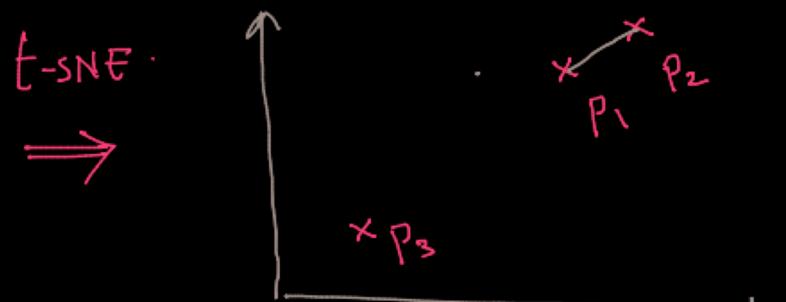
Text → Vectors.

1. Bag of Words → D1: ! → 8.
2. Binary BoW ✓ D2: → 8
3. TF-IDF. ✓ ⋮

4. Word2Vec →

↳ Every word converted into a Vector



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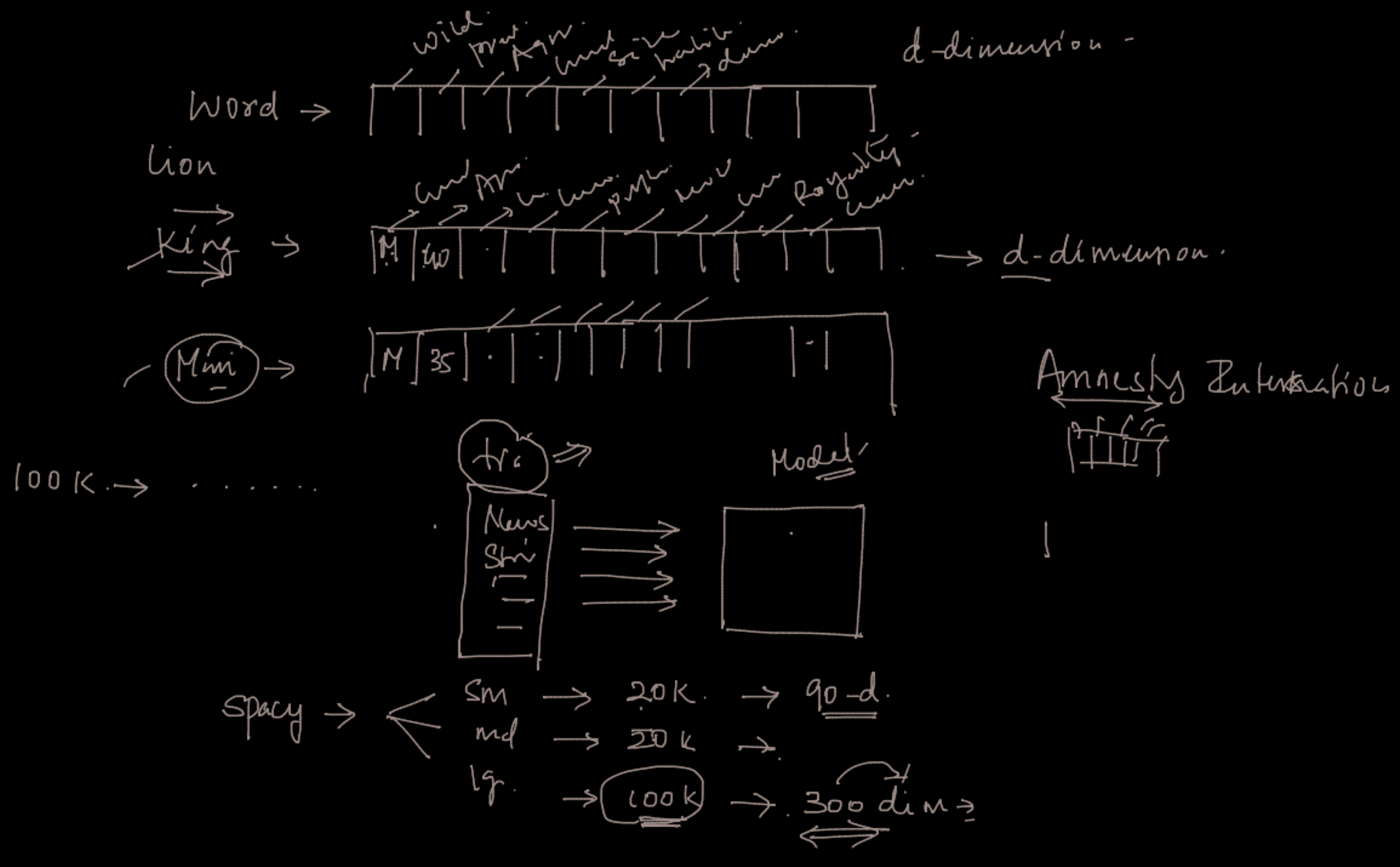

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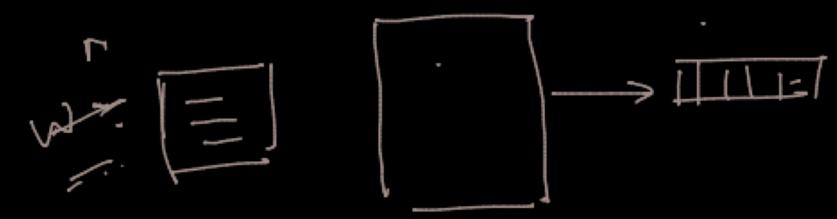
King = | 0.23 | 0.56 | 0.9 | . | . | . | . | . |

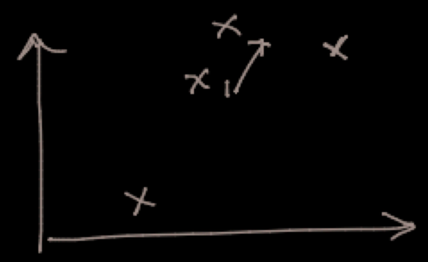
0.1

Lion → (| 0.9 | 0.2 | . |

Cat → | 0.3 | 0.8 | . |

0.9	0.2	0.8
0.3	0.8	0.7





Relationship :-

King → Man

Queen → Woman

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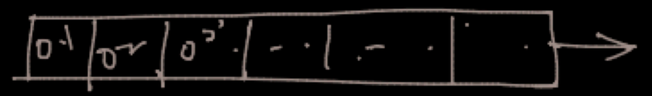
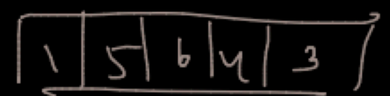
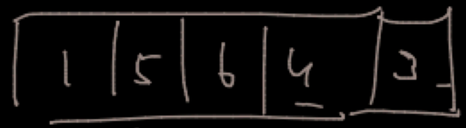
King + Man = Queen + ?

? = King + man = Queen-

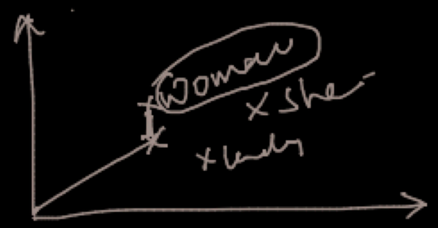


She her lady-

King → 



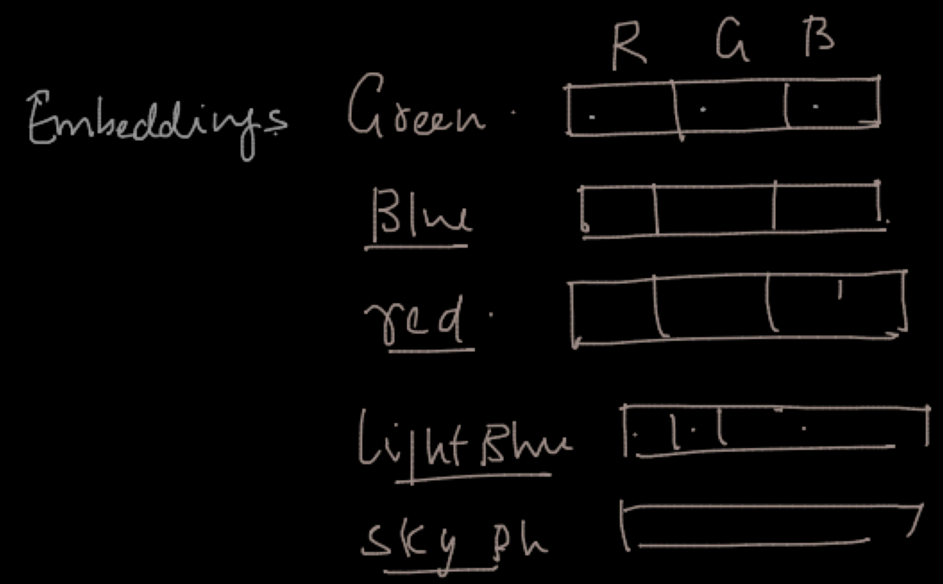
King.



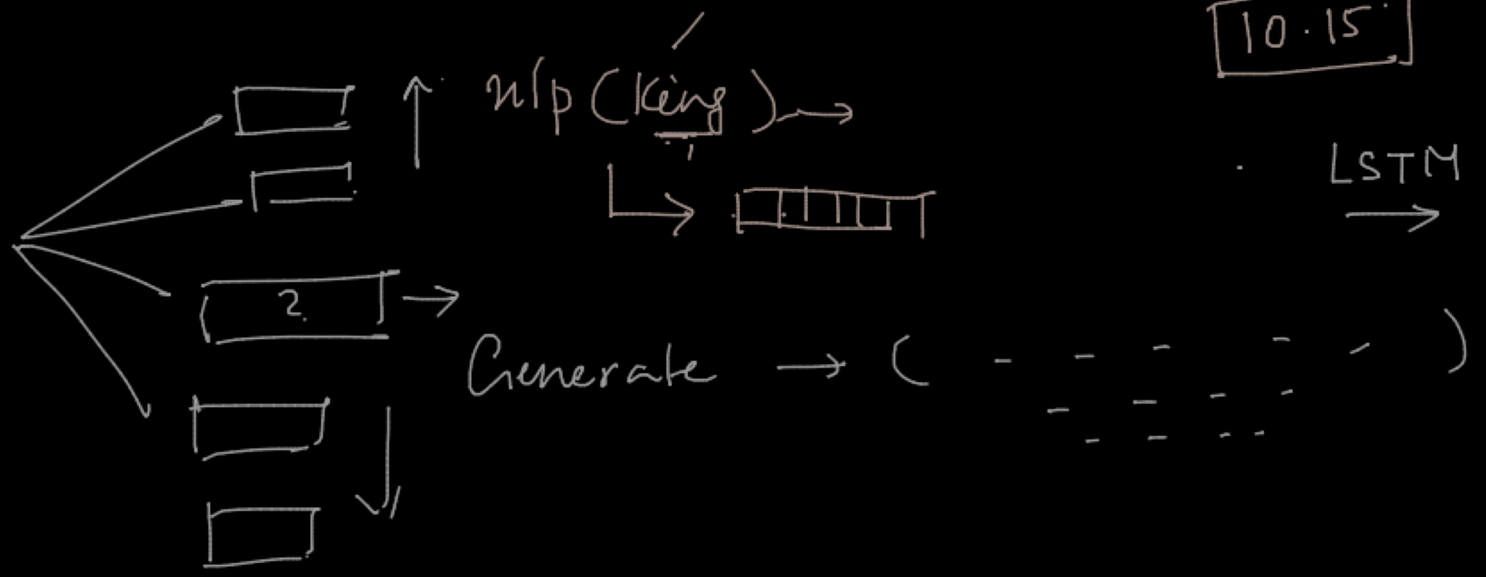
→ Semantic ↔ Meaning / Context-

Syntactic → grammer-

Embeddings



CBOW



Naive Bayes →

XGBM →

Forecasting → Predicting into future