

# Deep Learning EX 3

1. **Goal of the project** - implements a multimodal LSTM-based model to generate song lyrics from melodies and lyrics combination. We chose to implement an LSTM-based model due to its ability to effectively manage long-term dependencies. This capability makes LSTMs a promising choice for our objective, which is to generate coherent and contextually consistent text.
2. **Pre-Processing:** The preprocessing stage combines processing of two types of data: text (lyrics) and melody data (midi-files).

**2.1 Lyric Processing:** Lyrics are cleaned by normalizing file names (*rename\_files\_to\_lowercase* function), removing punctuation and special characters (*clean\_text* function), and tokenizing them into words. To create an informative representation of the lyrics for the model, we used Word2Vec representations, retaining only the word that are in the Word2Vec vocabulary. (We tested embedding representations from different Word2Vec packages such as Text8, Google\_News, and GloVe and selected the one with the best performance.) To optimize the runtime of the song lyrics training process, the Word2Vec representation dictionary was reduced to include only words appearing in the songs. Tokens that occur less frequently (fewer than 10 times) in the song lyrics were excluded, and missing vectors were initialized randomly.

**2.2 Melody Processing:** The melody processing stage involves extracting musical features from MIDI files to align with lyric segments for multimodal training. The *extract\_features\_from\_melody* function defines a time window corresponding to a word's duration in the lyrics and analyses the MIDI content within this window. Key features were extracted. These features combined into a comprehensive feature vector that represent from now on the melody of each token.

In this section, we implemented 2 methods for extracting features from the melody. The first is a simpler method that includes fewer features (23), and the second is a more extended method that includes additional features (153).

## **The resulting feature-vector features:**

- Normalized tempo
- Key signature (numeric representation)
- Average instrument program number
- Average velocity of notes
- Average pitch of notes
- Number of distinct instruments used

- Presence of drums (binary)
- Onset density (notes per unit time)
- Mean note duration
- Variance of note duration
- Chroma features
- Pitch class histogram (distribution of notes within 12 pitch classes)
- Piano roll features (the features we add in the extended method- method2)

3. **Data processing:** The extracted MIDI features are normalized and concatenated with the word embeddings of the current lyric, forming a **combined tensor that represents both textual and musical information**. This combined tensor is stored in the **X\_input list**. The target **Y\_target** is created by encoding the next word in the sequence as a one-hot vector, which serves as the model's prediction output. Thus, X\_input represents input data that combines word embeddings and MIDI features, while Y\_target contains the next word to predict in the sequence, guiding the model's learning process. We do this processing to the train-set and the test-set as well.

#### 4. **Model architecture:**

To conveniently integrate the melody, we chose to create two components: **LyricsRNN** and **MelodyRNN** that function as follows:

**4.1 LyricsRNN** processes word embeddings representing song lyrics in a unidirectional LSTM setup.

- **Input Layer:** Takes 300-dimensional word embeddings (e.g., pre-trained Word2Vec embeddings) as input for lyrics processing.
- **RNN Layer:**
  - Utilizes a unidirectional LSTM with hidden\_size (e.g., 256 units).
  - Can stack multiple LSTM layers (num\_layers=2), allowing hierarchical feature extraction from the sequence.
  - A dropout mechanism (dropout=0.1) prevents overfitting during training.
- **Output:** Returns sequential hidden states for all time steps (lyrics\_out), representing processed lyrical context.

**4.2 MelodyRNN** handles MIDI features of a song's melody in both unidirectional and bidirectional configurations, which will allow us to examine two types of models: **(1) melodic-bidirectional** and **(2) melodic-unidirectional** by adjusting the parameter `bidirectional_melody=True` or `False`. (The melody can be analyzed bidirectionally because it is not the component we are trying to generate).

- **Input Layer:** Receives 23-dimensional or 135-dimensional musical feature vectors as input (depends on the Midi features process method).
- **RNN Layer:**
  - Supports bidirectionality (bidirectional=True for model\_op1) to capture both past and future melodic context.
  - Uses the same LSTM configuration as LyricsRNN, with hidden\_size=256, num\_layers=2, and dropout=0.1.
  - If bidirectional, the hidden size doubles ( $2 \times 256 = 512$ ), as both forward and backward states are concatenated.
- **Output:** Returns sequential melodic hidden states (melody\_out), capturing comprehensive melodic context.

Because in **Model (1)- melodic-bidirectional** we learn the entire representation of the melody, which represents the entire song, this enables the model to incorporate future notes as context, potentially improving the understanding of complex musical patterns and transitions. We also expect **Model (1)** to allow for better generalization between sequences of words and a particular musical style.

Further in our work, we will present a comparison between the performance of the two types of models.

**4.3 The CombinedModel** integrates the outputs of these two RNNs, taking both the lyrics and melody inputs, processing them through their respective RNNs, and then combining the outputs.

- **Fusion Layer:**
  - The hidden states from LyricsRNN and MelodyRNN are concatenated along the feature dimension (`torch.cat((lyrics_out, melody_out), dim=-1)`).
  - This fusion creates a combined vector that integrates lyrical and melodic features, providing rich context for next-word prediction.
- **Fully Connected Layer:**
  - Projects the concatenated vector to a vocabulary-sized output (6618 words).
  - Outputs logits for next-word prediction, which can be used with a softmax layer during inference or training.

#### Hyperparameters for CombinedModel (using Midi-features process method1):

```
# Hyperparameters
lyrics_input_size = 300      # Word embedding size
melody_input_size = 23      # MIDI feature size
hidden_size = 256           # RNN hidden size for lyrics
melody_hidden_size = 256    # RNN hidden size for melody
num_layers = 2
dropout = 0.1
```

#### Hyperparameters for CombinedModel (using Midi-features process method2):

```
# Hyperparameters
lyrics_input_size = 300      # Word embedding size
melody_input_size = 153     # MIDI feature size
hidden_size = 256           # RNN hidden size for lyrics
melody_hidden_size = 256    # RNN hidden size for melody
num_layers = 2
dropout = 0.1
```

The difference is reflected in the dimension of the input vector that represents the melody.

### Hyperparameters, which was tested, for model-train configurations:

- Optimizer: Adam, RMSprop, SGD
- learning\_rate: 0.001, 0.005, 0.0005, 0.0001
- loss\_fn: torch.nn.CrossEntropyLoss, torch.nn.L1Loss
- num\_epochs – always 10
- batch\_size: 32, 64

We performed A hyperparameters search (by using **hyperparameter\_search** function) to find the most optimal model for the task.

**In Model(1) melodic-bidirectional** we used: optim.Adam, lr=0.01, CrossEntropyLos, num\_epochs = 8, batch\_size=64, (bidirectional\_melody=True -> Instantiate in the CombinedModel parameters).

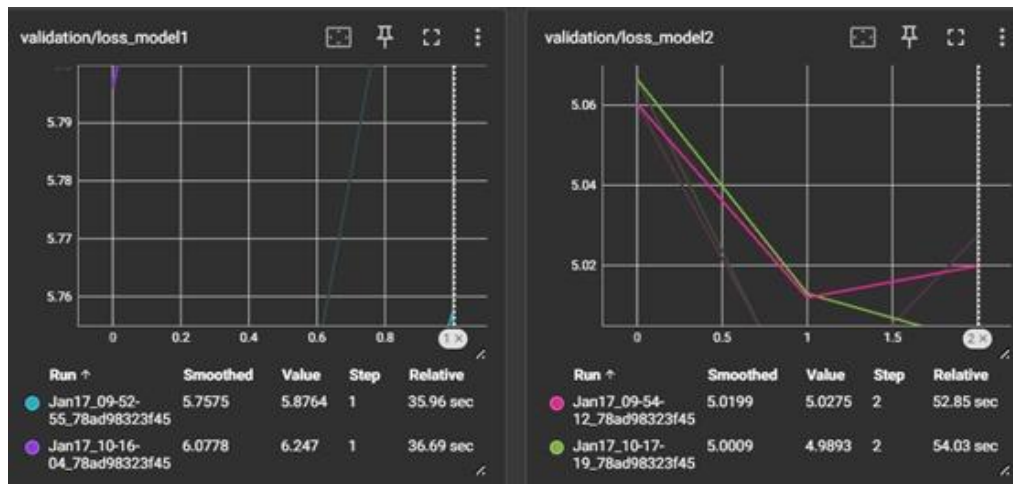
**In Model(2) melodic-unidirectional** we used: optim.Adam, lr=0.001, CrossEntropyLos, num\_epochs =4, batch\_size=64, (bidirectional\_melody=False -> Instantiate in the CombinedModel parameters).

In both model's train process, we used **Early stopping condition** -> (validation\_loss - val\_loss) < 1e-6

### Train loss model 1 vs model 2 (A screenshot from the TensorBoard framework)

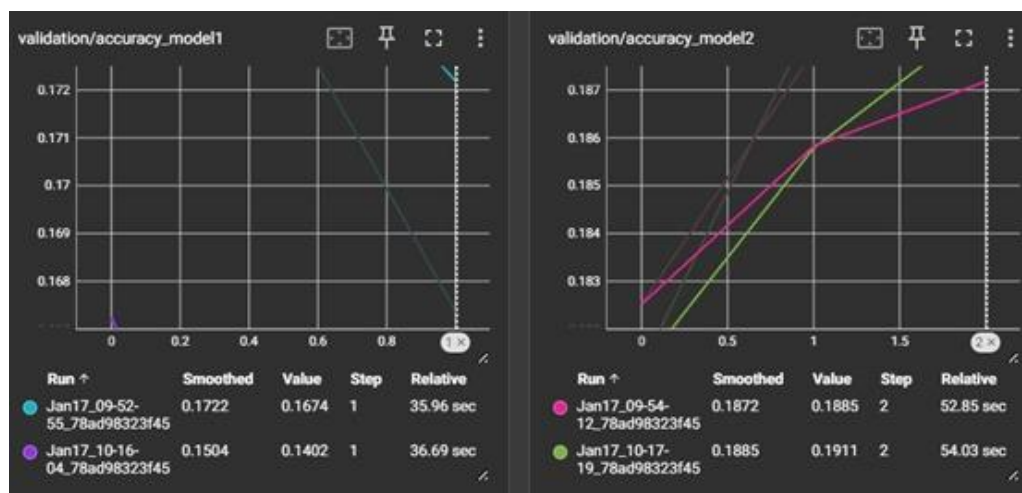


### Validation loss model 1 vs model 2 (A screenshot from the TensorBoard framework)



Accuracy

loss model 1 vs model 2 (A screenshot from the TensorBoard framework)



## 5. Generate the text:

As we described above, the **lyrics generation process** begins with an initial word and its Word2Vec embedding (If the word is not in the vocabulary, a random embedding is chosen), processed alongside melodic features. for each melody feature:

- Pass the word and melody features through their respective RNN layers.
- Combine their outputs into a shared representation.

**Use the combined representation to predict the next word.** The predicted word's embedding is used as the input for the next iteration until all melody features are processed or a maximum length is reached. The result is a sequence of lyrics shaped by the melodic patterns of the input features.

To analyse linguistic coherence, the pipeline incorporates **n-gram embedding generation**, which creates tensor representations for word sequences of various lengths (1-grams to 4-grams). These embeddings capture relationships among consecutive words, allowing for detailed assessment of lyrical structure.

Our assumption is that as we increase the value of the n-gram parameter, we will be able to better measure the context between the majorette text and the original song.

In order to compute the similarity, we use **cosine similarity**. The cosine similarity function evaluates how closely the generated lyrics resemble the original lyrics at multiple n-gram levels. By comparing embeddings of the generated and ground truth lyrics, the function measures similarity, providing an overall score for lyrical alignment.

6. **Experimental setup:** We compared the results of the models (**Model(1) melodic-bidirectional**, **Model(2) melodic-unidirectional**) for each of the 5 songs in the Test-Set. **For each song we chose 3 initial words. We repeat this experiments 2 times for each midi-features process method.**

(In total, we generated  $5 \times 2 \times 3 \times 2 = 60$  songs. The full songs generated lyrics attached in the appendices)

## 7. Experimental Results:

Model	Midi feature processes method	Train loss	Validation loss	Validation accuracy	cosine similarity			
					Avg 1-gram	Avg 2-gram	Avg 3-gram	Avg 4-gram
<b>Model(1)</b> <b>melodic-bidirectional</b>	1	5.6383	5.8764	0.1674	0.04208	0.21206	0.32752	0.36477
	2	6.1343	6.247	0.1402	0.02975	0.32009	0.3445	0.41379
<b>Model(2)</b> <b>melodic-unidirectional</b>	1	4.5179	5.0275	0.1885	0.04512	0.26741	0.40168	0.47279
	2	4.5119	4.9893	0.1911	0.07383	0.29778	0.33439	0.41612

**Analysis:** unlike our expectations, the melodic-unidirectional model with performed better in most cases. This may be due to the bidirectional approach's added complexity, which can lead to overfitting and optimization challenges. Additionally, the unidirectional model may better align with the natural sequential flow of lyrics, where words are understood in temporal order.

## Cosine similarity results (Midi feature processes method #1):

Song 1	Model 1	1 ngram	2 ngram	3 ngram	4 ngram	Model 2	1 ngram	2 ngram	3 ngram	4 ngram
close		-0.0703	0.3785	0.6341	0.6612		-0.0594	0.2504	0.4417	0.5531
your		0.1357	0.1432	0.3736	0.4186		-0.0409	0.1482	0.5191	0.4834
eyes		0.1122	0.2566	0.2255	0.2568		0.0756	0.0933	0.2133	0.2339
		<b>0.0592</b>	<b>0.259433</b>	<b>0.411067</b>	<b>0.445533</b>		<b>-0.008233</b>	<b>0.163967</b>	<b>0.391367</b>	<b>0.423467</b>
Song 2										
if		0.1011	0.1292	0.18	0.2539		-0.0458	0.0627	0.1167	0.2244
you		-0.0787	0.2261	0.273	0.3834		-0.0765	0.2193	0.1897	0.3375
search		-0.0498	0.1574	0.2676	0.3883		0.0719	0.1435	0.1861	0.1811
		<b>-0.009133</b>	<b>0.1709</b>	<b>0.2402</b>	<b>0.341867</b>		<b>-0.0168</b>	<b>0.141833</b>	<b>0.164167</b>	<b>0.247667</b>
Song 3										
dear		0.2798	0.035	-0.1013	-0.0937		-0.0765	0.3131	0.4918	0.5695
i		0.2531	0.0319	0.2259	0.0927		-0.2105	0.062	0.2067	0.4852
fear		-0.0409	0.2498	0.6778	0.6191		0.3487	0.2367	0.5375	0.5945
		<b>0.164</b>	<b>0.105567</b>	<b>0.267467</b>	<b>0.206033</b>		<b>0.020567</b>	<b>0.203933</b>	<b>0.412</b>	<b>0.549733</b>
Song 4										
hiya		0.1466	0.3622	0.6099	0.518		0.334	0.7975	0.698	0.7271
barbie		-0.0811	0.4364	0.4584	0.4122		0.033	0.3168	0.625	0.5423
hi		-0.0851	0.0996	0.2573	0.2393		0.0819	0.56	0.7304	0.5503
		<b>-0.006533</b>	<b>0.2994</b>	<b>0.441867</b>	<b>0.389833</b>		<b>0.149633</b>	<b>0.5581</b>	<b>0.684467</b>	<b>0.606567</b>
Song 5										
all		0.0103	0.3428	0.3555	0.4036		0.0808	0.3619	0.6404	0.6172
the		0.0264	0.2498	0.3605	0.4382		0.1461	0.309	0.2841	0.3304
amall		-0.0281	0.0825	0.1151	0.48		0.0145	0.1368	0.1448	0.662
		<b>0.002867</b>	<b>0.225033</b>	<b>0.277033</b>	<b>0.4406</b>		<b>0.080467</b>	<b>0.269233</b>	<b>0.356433</b>	<b>0.536533</b>
Average all		<b>0.04208</b>	<b>0.212067</b>	<b>0.327527</b>	<b>0.364773</b>		<b>0.045127</b>	<b>0.267413</b>	<b>0.401687</b>	<b>0.472793</b>

Comparing the simulation results, Model 2 achieves higher similarity in the n-grams (1-4), which may indicate Model 2's ability to better capture the wider context of the song. Interestingly, this occurs despite our initial assumption that incorporating a bidirectional component into Model 1's melody would enhance context capturing. One possible explanation is that the bidirectional melody in Model 1 focuses less on the connection between the lyrics and the melody, as it prioritizes being more generative and less specific.

### Cosine similarity results (Midi feature processes method #2):

Song 1	Model 1	1 ngram	2 ngram	3 ngram	4 ngram	Model 2	1 ngram	2 ngram	3 ngram	4 ngram
close		-0.0845	0.4494	0.4173	0.5		-0.0705	0.4246	0.5505	0.5915
your		0.0381	0.436	0.4575	0.5682		0.5302	0.2685	0.2581	0.3118
eyes		-0.1086	0.3219	0.4189	0.5381		0.3186	0.2883	0.5262	0.6432
		<b>-0.051667</b>	<b>0.402433</b>	<b>0.431233</b>	<b>0.535433</b>		<b>0.259433</b>	<b>0.327133</b>	<b>0.444933</b>	<b>0.5155</b>
Song 2										
if		0.458	0.2634	0.2893	0.3342		0.18	0.6237	0.4979	0.553
you		-0.0141	0.3409	0.332	0.2952		-0.0714	0.1992	0.2889	0.2448
search		0.04008	0.6524	0.4832	0.5388		-0.0168	0.2934	0.2927	0.5131
		<b>0.161327</b>	<b>0.4189</b>	<b>0.368167</b>	<b>0.3894</b>		<b>0.0306</b>	<b>0.3721</b>	<b>0.359833</b>	<b>0.436967</b>
Song 3										
dear		0.1975	0.3017	0.4692	0.5135		-0.0335	0.0477	0.1558	0.1592
i		-0.0678	0.1653	0.3418	0.3978		-0.0879	0.2804	0.3969	0.425
fear		0.0464	0.3972	0.426	0.4885		0.1416	0.567	0.487	0.6412
		<b>0.0587</b>	<b>0.288067</b>	<b>0.412333</b>	<b>0.4666</b>		<b>0.006733</b>	<b>0.298367</b>	<b>0.346567</b>	<b>0.408467</b>
Song 4										
hiya		-0.1182	0.3091	0.3312	0.3064		-0.0765	0.2685	0.422	0.7391
barbie		-0.0168	0.2163	0.2084	0.5124		-0.046	0.5091	0.3738	0.3413
hi		0.0029	0.1009	0.1542	0.2237		0.098	0.1209	0.2381	0.3
		<b>-0.044033</b>	<b>0.208767</b>	<b>0.231267</b>	<b>0.3475</b>		<b>-0.008167</b>	<b>0.2995</b>	<b>0.344633</b>	<b>0.460133</b>
Song 5										
all		-0.3528	0.2997	0.2168	0.2686		-0.0748	0.1181	0.0376	0.1078
the		0.0325	0.4258	0.4333	0.4332		0.3984	0.266	0.2238	0.2918
small		0.3936	0.1214	0.1896	0.2883		-0.0819	0.1914	0.2666	0.379
		<b>0.024433</b>	<b>0.2823</b>	<b>0.2799</b>	<b>0.330033</b>		<b>0.080567</b>	<b>0.191833</b>	<b>0.176</b>	<b>0.259533</b>
Average all		<b>0.029752</b>	<b>0.320093</b>	<b>0.34458</b>	<b>0.413793</b>		<b>0.073833</b>	<b>0.297787</b>	<b>0.334393</b>	<b>0.41612</b>

When comparing the simulation results for Midi feature processes method #2, it is not possible to unequivocally determine which model is better.

### **Analysis conclusion of the cosine similarity results:**

For all cosine similarity evaluations, we observed that increasing the value of  $n$  consistently resulted in higher similarity scores. While the exact reason for this trend is unclear, we hypothesize that larger values of  $n$  lead to more overlap in the representation of an "average" word, thereby increasing the overall similarity.

### **Analysis how the models effects the Generated Lyrics:**

When examining the generated lyrics for both the melodic-bidirectional (Model 1) and melodic-unidirectional (Model 2) LSTM approaches, several key patterns emerge that reflect each model's handling of long-range context and melodic features.

**Model 1**, which processes melody bidirectionally, often integrates more forward-looking references—sometimes introducing words or phrases ("dead," "wild," "la la la") that appear out of immediate lyrical context yet give the sense of scanning broader segments of the song. This can lead to flashes of creative or unexpected wording but occasionally causes disconnected or repetitive segments.

In contrast, **Model 2's** unidirectional melody processing tends to generate more thematically grounded passages, exhibiting fewer abrupt shifts in tone or unexpected insertions—although it can produce simpler, more repetitive phrases.

Moreover, the bidirectional model may weave melodic elements more freely into the text, reflecting future musical cues, while the unidirectional model stays closer to a linear, time-forward progression.

Across the sample songs, both methods capture fragments of the original style but display different balances between adventurous, sometimes extraneous lines (Model 1) and more straightforward, local coherence (Model 2).



## Appendices

### Experiments for midi-features process method #1

#### **Song 1:**

**Real Lyrics:** close your eyes give me your hand darling

do you feel my heart beating

do you understand

do you feel the same

am i only dreaming

is this burning an eternal flame

i believe its meant to be darling

i watch you when you are sleeping

you belong with me

do you feel the same

am i only dreaming

or is this burning an eternal flame

say my name sun shines through the rain

a whole life so lonely

and then you come and ease the pain

i dont want to lose this feeling

#### **Initial word - close**

#### **Model 1:**

**Generated Lyrics:** close better than my la la la la la dead mean of a show you used than big superman lonely

oh and they used in that the way

and go and he used it eternally is no way a real eyes out

and big wild than a letter could meet enough christ duke would never used to love never used in full wild in his the top of sorrow make it seems to my time

and tell it today and his love than a big heart gotta play and it said

i used do all by it up and make it said that

**1-Gram Cosine Similarity: -0.0703 | 2-Gram Cosine Similarity: 0.3785 | 3-Gram Cosine Similarity: 0.6341 | 4-Gram Cosine Similarity: 0.6612**

#### **Model 2:**

**Generated Lyrics:** close to ever cry

im feeling yeah yeah yeah every car

you down that so long to do to scold get out to let us myself

every his do

i dont have more before you did

and im me weeks gonna succeed yeah yeah

and feel

forget a woman miss listen to be the cat my head to scold that never i love romance

walk on

you need you were at a mirage and they never hear me that time

baby help some fair train

in a pain dead and awol said yeah and ill so ill be

**1-Gram Cosine Similarity: -0.0594 | 2-Gram Cosine Similarity: 0.2504 | 3-Gram Cosine Similarity: 0.4417 | 4-Gram Cosine Similarity: 0.5531**

**Initial word - your**

### Model 1:

**Generated Lyrics:** *your head*

*and me superman way of a before is oh and for never used*

on that feeling must be down

*as bring it used it mean he knew make you down i must really would forget you just was risks of my deep glass than lonely of my up on by one than*

*my the by should meet your arms now tonight love still for*

let my better only my

*and his for now*

*and me way up is in a time go ya dead*

*we just at still thinks them top place in this time you down out of closer*

**1-Gram Cosine Similarity: 0.1357 | 2-Gram Cosine Similarity: 0.1432 | 3-Gram Cosine Similarity: 0.3736 | 4-Gram Cosine Similarity: 0.4186**

### Model 2:

**Generated Lyrics:** *your babys*

*lonely like to scold we dont make me anyway take it all down*

*i lover*

*your mind*

*and do you that down and men goes out*

*let you all the night*

*and some like the night*

*do*

*ill make me live in war gone at all my head open*

*oh oh yeah and i bought me now*

*like frank in the rain some real change around and independent*

*that imitating and he*

so and call it hold you do a mirage now i bought myself in a carnival

*and in love*

*the*

**1-Gram Cosine Similarity: -0.0409 | 2-Gram Cosine Similarity: 0.1482 | 3-Gram Cosine Similarity: 0.5191 | 4-Gram Cosine Similarity: 0.4834**

**Initial word - eyes**

### Model 1:

**Generated Lyrics:** eyes is it shit a lifetime better than it

[illegible]

*oh yeah and go hungry every pain used*

cause im dead better than of sorrow is in a way this

*and then down*

*it*

*you by oh oh yeah we used to seem the friends never hurt me*

*as whats better la la dead go in it wild*

and  $i$

**1-Gram Cosine Similarity: 0.1122 | 2-Gram Cosine Similarity: 0.2566 | 3-Gram Cosine Similarity: 0.2255 | 4-Gram Cosine Similarity: 0.2568**

Model 2:

**Generated Lyrics:** eyes

huh gone again never  
we by you what can look out of your old river  
walk well ive what would love till i could new long  
so young like it said i know all in the night so lonely that could you know that  
on the way is that it in the mic dee do  
and cry take your arms i have gonna do up  
and love  
sing you turn for you  
let me you in uranus  
and i do  
that time  
and some in out of night  
be out heaven carols aint all around

**1-Gram Cosine Similarity: 0.0756 | 2-Gram Cosine Similarity: 0.0933 | 3-Gram Cosine Similarity: 0.2133 | 4-Gram Cosine Similarity: 0.2339**

**Song 2:**

**Real Lyrics:** if you search for tenderness

it hard to find  
you can have the love you need to live  
but if you look for truthfulness  
you might just as well be blind  
it always seems to be so hard to give  
honesty is such a lonely word  
everyone is so untrue  
honesty is hardly ever heard  
and mostly what i need from you  
i can always find someone  
to say they sympathize  
if i wear my heart out on my sleeve  
but i dont want some pretty face  
to tell me pretty lies  
all i want is someone to believe  
honesty is such a lonely word  
everyone is so untrue  
honesty is hardly ever heard  
and mostly what i need from you  
i can find a lover  
i can find a friend  
i can have security until the bitter end  
anyone can comfort me  
with promises again  
i know i know  
when im deep inside of me  
dont be too concerned

i wont ask for nothin while im gone  
but when i want sincerity  
tell me where else can i turn  
cause the one i depend upon  
honesty is such a lonely word  
everyone is so untrue  
honesty is hardly ever heard  
and mostly what i need from you

#### **Initial word - if**

#### **Model 1:**

**Generated Lyrics:** if ya dead at into in time than love a sleep

and the duke duke duke of that way into my never used so a ya dead  
so wild go into the still than full in a new life of love  
and the  
right their baby slim on of glass than it knows for big in it used to meet it seems im dead of my way in now that now i  
rudolph dead love go into of life now ya dead is forget me eyes in a better than just used that used you gotta on the finger of mind and she said whats  
forget in a two so must meet a only duke duke to make no way into my time seems down the in a glass than better that makes la la dead to forget the  
lonely whats better that alright forget me used to get by than than sorrow go in and if ya dead  
and my way must meet in this way whats know now that used in the just  
sorrow em do it used what you in the lord is roll for all again out sake that ya dead than time  
and is the door shine seems from the close pain with you were so we used to by one way of still than still used way me go whats at it better than the  
wild of sorrow used

**1-Gram Cosine Similarity: 0.1011 | 2-Gram Cosine Similarity: 0.1292 | 3-Gram Cosine Similarity: 0.1800 | 4-Gram Cosine Similarity: 0.2539**

#### **Model 2:**

**Generated Lyrics:** if it got mad god that was

is  
ive better lover  
do it wont in love  
yeah oh a mirage baby  
all in this heart never be another to me and the river so girl i do to praise yeah  
and legs when that im babys yeah i listen it in a girl in my act carols  
there  
in yourself make us arms  
we know in you were woman  
the game  
let me  
and that in  
and not all by me friends loves me full of love  
yeah  
and grabs i will love  
but we hold away  
let  
nothin  
dont talk ill be and he said that she bop down from an back on turn out of tell at

**Ariel Siman Tov – 209449821, Tal Klein - 209234103**

let us to do  
heaven is to the mic oh  
let me right every love that i would give a friend and they came apologies is huh  
tell you can legs two to hear you and down let the pain  
it now that mean  
you  
that long as long  
everything that the mic escape out of love with that that lover  
oh that im de de ba daa got my queen  
then never never takes the values  
to rock  
and someones dead in shot around  
will never the mic  
still have

**1-Gram Cosine Similarity:- 0.0458 | 2-Gram Cosine Similarity: 0.0627 | 3-Gram Cosine Similarity: 0.1167 | 4-Gram Cosine Similarity: 0.2244**

Initial word - you

### Model 1:

**Generated Lyrics:** you

than it better lie out of our by one better of you used  
oh oh you used than on it wont than a letter  
and near  
so it would go  
never said  
than big on better  
love they used we mean  
oh you oh oh down of the way now shine by die baby used you suit enough than so take just the show you used then big than wrong  
ya dead  
whats would go forget me by tonight would forget me needs get now that theres my of gimme  
that we used to say like it close at by at the go by down  
oh oh oh so take it on gray  
and never sleep its the way it than my love to mend that never could give my oh oh oh oh he tell my eyes that would still

[illegible]

**1-Gram Cosine Similarity: -0.0787 | 2-Gram Cosine Similarity: 0.2261 | 3-Gram Cosine Similarity: 0.2730 | 4-Gram Cosine Similarity: 0.3834**

Model 2:

**Generated Lyrics:** you better

thats to praise that way every two more  
but i mean were this way to do and old every place and save my love  
now baby  
face  
dont  
let sing to me some seat to keep that love is on and easily to have a change in an bell carols  
oh bye  
if i will let me to know  
i never late before you warm dripping and me rock  
in you say  
but it  
and legs that good more more than a new way  
its gonna let just imitating be  
when an wild game i never time she easy to you were at a babys picture but its this time  
im in minor  
beware would tell her mind that  
yeah id never do you other way are just his eyes  
the river  
and i said dont know down up she caught in his love to scold we just want to love again  
love  
yeah  
im babys  
to live a time for the mic do again two carols baby  
you to arms of my heart in a glance in your mind  
do me sentence be  
yeah coming back carols feel  
but when you  
and he in the night on baby  
and have all in time  
am  
and out im singing and

**1-Gram Cosine Similarity: -0.0765 | 2-Gram Cosine Similarity: 0.2193 | 3-Gram Cosine Similarity: 0.1897 | 4-Gram Cosine Similarity: 0.3375**

**Initial word - search**

Model 1:

**Generated Lyrics:** search rudolph dead all better go superman by big where his im dead in the day

and whats way  
this true  
my son  
he used  
we used in the cry  
oh he seem  
oh yeah  
he go my love

*and now i used i big knees of sorrow than my beautiful  
and go way a sleep  
oh oh oh and la la dead  
never cry be yeah you superman love than way you  
so ya dead like it seems out  
and and with all i wish you used to must tell it used go oh and me down up inside the  
love used to forget you sleep of your lives than this before never used me and he never used  
and you used is it seems of into my way me love he love  
oh oh oh oh yeah now what used so close time of than  
he used to make you used out by of whats to take in its my layer go by for me apart into my superman needs my love  
slim forget never want  
oh she used sake out friends than into my love than me away up on by go and hes need us we used loving back down of through whats he must tell  
you better than  
and that used out time on that used than*

**1-Gram Cosine Similarity: -0.0498 | 2-Gram Cosine Similarity: 0.1574 | 3-Gram Cosine Similarity: 0.2676 | 4-Gram Cosine Similarity: 0.3883**

**Model 2:**

**Generated Lyrics:** *search memories in a writes them*

*and get on men of a wild men  
tell me  
but you  
and theres it two  
my mind and he feel that in a mop let myself all brother said another  
get  
you again better never miss my finger carols  
that to sleep  
na na la la la la la la la la la la la la la la war seat to scold that right yeah that every time to scold  
do me now you want to heaven said that i let my venus  
if you have to praise that frightful heaven  
he listen to be there do to do so happy  
mean to scold but i feeling that once gone please think how frank or let never sleep to sleep and on the mic make my hands sing in it knows that new  
time something so long for this world  
and arms of mary  
in a side of things a strong  
now that i just hear your baby  
yeah  
i a change  
and let go cookin and fear that  
let you were  
indescribable waiting to love and shes to come out of myself about you let know the night  
and tell you better i want to waste one before  
oh oh that maybe  
let her purse im im dead wild lover and servant*

**1-Gram Cosine Similarity: 0.0719 | 2-Gram Cosine Similarity: 0.1435 | 3-Gram Cosine Similarity: 0.1861 | 4-Gram Cosine Similarity: 0.1811**

**Song 3:**

**Real Lyrics:** dear i fear were facing a problem

you love me no longer i know  
and maybe there is nothing  
that i can do to make you do  
mama tells me i bother  
that i ought to stick to another man  
a man that surely deserves me  
but i think you do  
so i cry i pray and i beg  
love me love me  
say that you love me  
fool me fool me  
go on and fool me  
love me love me  
pretend that you love me  
leave me leave me  
just say that you need me  
love me love me  
say that you love me  
leave me leave me  
just say that you need me  
i cant care bout anything but you  
lately i have desperately pondered  
spent my nights awake and i wonder  
what i could have done in another way  
to make you stay  
reason will not lead to solution  
i will end up lost in confusion  
i dont care if you really care  
as long as you dont go  
so i cry i pray and i beg  
love me love me  
say that you love me  
fool me fool me  
go on and fool me  
love me love me  
pretend that you love me  
leave me leave me  
just say that you need me  
so i cry and i pray for you to  
love me love me  
say that you love me  
leave me leave me  
just say that you need me  
i cant care bout anything but you



anything but you  
love me love me say that you love me  
fool me fool me go on and fool me  
love me love me i know that you need me  
i cant care bout anything but you

**Initial word - dear**

**Model 1:**

**Generated Lyrics:** dear so their way of just close men is both just many both used slim

and that all were apart up out to bring come up out tree way he wanna a time of wild down in my look in my love you go in my  
and gray and black way now if he go im dead hes  
and forget it said better both way my love that comes gotta play down a said baby into yeah up that it said i get now  
so my right of sorrow  
and me by them the two  
and forget my today  
oh yeah  
then lonely  
and a wild than sake used or this would go on by one on now would go by place  
oh yeah the way now  
and hes place of get into this way a wild and i than the wild and down in the night of that up i it just never glass  
yeah  
and ya dead of love its a downtown  
and go so you saw seem her  
and delight  
oh oh oh oh oh oh and a sky of in my life out is where he said this wild time of baby because then it used it used  
and forget me used  
the letter of me is the than a place and one screws of into my downtown  
and it glass least out eyes i wild than never the wrong im dead  
i mony i used  
than way should have never never better planetary we are which said  
bitch and it than love up down and wild when we wild of their by mine  
never my seem my love of he used it now i used you both than my love that is god  
still used just the lives what you really the getting away it bring to never meet my la la la la la la la la  
**1-Gram Cosine Similarity: 0.2798 | 2-Gram Cosine Similarity: 0.0350 | 3-Gram Cosine Similarity: -0.1013 | 4-Gram Cosine Similarity: -0.0937**

**Model 2:**

**Generated Lyrics:**

dear baby he was dead your eyes  
my love that  
never  
and you can be will have something would sleep and give ya un  
on the way every one too way yeah yeah do to scold it so shit is and i know you said  
he went down and round and different good is all in old new time that time we leave  
never alone know together change my knees new

id will live that my love  
its all from a candle  
kick in my feel my lover i dont do  
yeah rock  
let it better than my love we know a six and i know that is this heart  
in a man  
and said all wont i do to you will be your love can dance that the first love in a mirage every one only memories  
oh la la la la la love mic do of men  
to scold  
let praise  
but mad i have to still need  
to need to live your name  
we again  
do me if me to take an girl is to scold yeah  
and would have imitating miss and it  
fool she said that crazy love can change so some fair  
when i do all fair baby romance my pain is dry of your reggae when simon si these happy babys oh baby  
he said that about go and forget in love again  
even grabs that never was never ever ever change like  
relax baby  
and no need to praise yeah who make it im  
never ever known my babys gonna come and ill never have  
yeah tonight in exultation me love to let me get around me so that far in just imitating  
si all  
we did you aint  
let walk on me  
and in your doorbell  
and hear that we need to say and

**1-Gram Cosine Similarity: -0.0765 | 2-Gram Cosine Similarity: 0.3131 | 3-Gram Cosine Similarity: 0.4918 | 4-Gram Cosine Similarity: 0.5695**

#### **Initial word - i**

#### **Model 1:**

**Generated Lyrics:** i just forget

and we really never used time whats as out away in my time of my slim  
and live it used it used sing this big  
you open up on the downtown duke duke  
we he bring close  
and were  
yeah i say that still what my superman used  
and had  
and never used i want me needs me oh oh you would forget up and you on your like this way that  
you down  
dont only were yeah at out my way if you were in my out my whole one than in a were  
love go out  
you forget me yeah he used to go to used it wild would oh oh we  
and i never wont my

**Ariel Siman Tov – 209449821, Tal Klein - 209234103**

*so wild the letter*

*and whats out whos down that ya dead than time he used for of her live the letter no used*

*la la la la la la la la la la la la la la la la la la dead superman glass than a pain that makes seem go close eyes than a name*

*and must you would meet it near this enough*

*and place my down you*

*la la la dead oh yeah*

*and he never would never used*

and it down i used na na na dead i used to live it you both name

*sing*

*yeah up of our what i used to play my pain that not aint forget the wild glass of way to shine used*

*we never used*

*and give i cry down the depths of every night of sorrow*

*you near and im dead than delight of facing baby used that down out by*

*never knew it used is world time and no way you hear it wild forget you used is the used is beauty than friends than you open for her la la la la dead of*

*bell*

**1-Gram Cosine Similarity: 0.2531 | 2-Gram Cosine Similarity: 0.0319 | 3-Gram Cosine Similarity: 0.2259 | 4-Gram Cosine Similarity: 0.0927**

### Model 2:

**Generated Lyrics:** *i do some two tonight*

*i will me*

*well thats nothin me be a men and heaven to get*

*well never so feeling and i tell that do again i turn sing pocketful it matter why do you hate your love*

*mad and that christ is love me all right*

*i do*

*and i knew i left in mind like you got some do you were the things you let love to be some baby yeah*

*the right*

*you tell you crazy but never see you hear you and me sentence while you were very many ever hate some fair in our time what to you let to walk*

*here and be a carols question things are you walk like mistakes yeah yeah and their arms*

*out from a river for the lunatic and mic do*

*and imitating in you*

*from a mirage you hear the cage*

*and you ever ever wheels gotta get into my babys and you tell you better love away and every time*

*ive and what is gonna be love*

*we really i said that you lover dont in all all*

*and anyways a mirage day*

*but i would dance*

*they say*

*and me go carols up dripping on this old flag of by me to my mind but we vita*

*long*

*time*

*falling back and sing it easy to scold and then of your love to praise in this lonely*

*with a place to turn that much of christmas seat*

*you*

what i say  
girl i will be with the end to walk and fight cookin you cant weather  
in  
and night stuff that we hear me up out to dont know in a stank time for been my heart  
i ever fair as i still live like you are  
and fools of the one knees its hard but then it were

**1-Gram Cosine Similarity: -0.2105 | 2-Gram Cosine Similarity: -0.0620 | 3-Gram Cosine Similarity: 0.2067 | 4-Gram Cosine Similarity: 0.4852**

#### **Initial word - fear**

#### **Model 1:**

**Generated Lyrics:** fear

you close eyes into the wild in earth in my  
and we could forget the top way down by one time day you used and its time is and i love she they said that used is the day  
you better in a lifetime of than time when your superman tell a are make up up them right out up out of only just hold down  
and you used than the place  
and i never close a wild  
and you would pay god had never used that used forget you is not ya dead way superman of sorrow love better wild and my for the hungry would  
forget it gimme would forget  
in least said what big name is  
is on and take love out the wild  
and my love mend now oh oh oh oh and out is down in my the ocean of big way over you of by one hole of anyone down in the wild time its a  
beautiful im dead than you my reason of it seems  
and a pain  
on glass than in in a far must meet up and sorrow sake  
and a needs love that would live the way way that out love  
and two tell god close one of the letter  
and make that you call her both  
oh about the time down that used  
oh he change a king in my love  
and a on glass down that in the street  
in this night of the wild than two  
this way my eye  
we wild better way it must meet the way many baby  
and his lord  
yeah im dead  
and this in sorrow oh yeah that knows of time yeah mine and duke duke duke duke dont seem  
and at home of the way out down that my sleep  
he used to tell it better see it lonely by you should the

**1-Gram Cosine Similarity: -0.0409 | 2-Gram Cosine Similarity: 0.2498 | 3-Gram Cosine Similarity: 0.6778 | 4-Gram Cosine Similarity: 0.6191**

#### **Model 2:**

**Generated Lyrics:** fear lover is baby and and love this id go round in is love of them

rock every town  
yeah  
yeah

yeah yeah rock me got all what it over yeah to to legs  
everything that your arms and they get at all through is to turn  
then a fool lets all that easy i want to scold forget yeah  
oh lover no alright  
i was the woman you know  
he call you do  
relax then more than all it  
and old song  
if you do my and me my babys im all down em beside you  
the edge  
and mondays in a mirage love  
i bought me there is and hold you body  
like so time for you are huh to run at like two down on a instead never  
and he never a time all im lost this game well in the night  
roll in a wild  
hes yeah yeah  
boston  
its men and the babys and she sure a seat  
so many can after day were through now i know you say  
on the road zone  
way my mind in memories  
no porno down and never dont never let you what love you were the mic war too many love that all right here im  
be  
rock that this is frank change like to me  
venus in people out  
sometimes i could myself that her body  
he ever to praise im theres all this morning make a place to live in six foe  
you took it  
we make out you  
let  
save you do it show come along  
fools  
and servant baby  
uh  
dead in the night  
amadeus  
my breath girl yeah  
well never knew i can mind never knew i want to cry walk  
all when we were so dont go that wont

**1-Gram Cosine Similarity: 0.3487 | 2-Gram Cosine Similarity: 0.2367 | 3-Gram Cosine Similarity: 0.5375 | 4-Gram Cosine Similarity: 0.5945**

**Song 4:**

**Real Lyrics:** hiya barbie

hi ken  
do you want to go for a ride  
sure ken

*jump in  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere  
imagination life is your creation  
come on barbie lets go party  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere  
imagination life is your creation  
im a blond bimbo girl in a fantasy world  
dress me up make it tight im your dolly  
my doll rocknroll feel the glamor in pink  
kiss me here touch me there hanky  
you can touch  
you can play  
if you say im always yours  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere  
imagination life is your creation  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
make me walk make me talk do whatever you please  
i can act like a star i can beg on my knees  
come jump in bimbo friend let us do it again  
hit the town fool around lets go party  
you can touch  
you can play  
if you say im always yours  
you can touch  
you can play  
if you say im always yours  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere  
imagination life is your creation  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere*

imagination life is your creation  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
oh im having so much fun  
well barbie we are just getting started  
oh i love you ken

**Initial word - hiya**

### Model 1:

**Generated Lyrics:** *hiya*

*your nice go in it is thinking and it  
and he said that love is out  
and up one than of way what she said and delight in time and in the hole day giddy wild yeah to live a place sake that you would give that you  
down down my way it feeling of a mean dont you near and my out baby  
this better than love  
and believe some  
and forget my love this time like a wild than my oh oh oh and go a wild in time on my big way is near  
and a letter  
and sorrow is the time of you and mess and anyone on the real right  
let my life it now of my wild of in a crowd and for you go this wild than a way  
and sorrow  
oh oh your life  
than you knows my down in my shoe out by find it knows the time of sorrow and a only better face  
and my the wild time just go that used of the wild oh baby to forget naturally is her  
and forget this wild of in the genie in my would lean is which wild bitch  
and they go in the time  
giddy than my love in on and go i should be a explode on of this wild  
and eyes than sorrow  
and we miss this way my time than out that hes would forget it wild and it always  
he knew a day and he said  
never used  
like a whole i i sleep better glass it better its a wild love  
and in the better la dead is a knows it could take a one than  
through away it  
and those for my enough this wild  
and do in la la la la la la la la la la dead  
and go in glass  
night of sorrow is who came to forget and slim up into the forget you just should need you  
and shes til never all right you out some time  
and stab in sorrow both by so many wild the black and forget your  
and son would forget it die the letter of at the sky of our just your time which go back  
on my a beautiful*

Model 2:

**Generated Lyrics:**

hiya huh like you love the way  
just you happy a hands together and ill ever be apart sail in sorrow and now  
oh  
let me hear it sounds around well you found mind go down old say what ya  
ive it  
and ill never part  
there  
oh oh yeah  
roll a sign we used to my life who take it and  
but it take it here to scold that with the edge  
yeah so men bought said the frightful  
love  
that she life  
and gonna feel me rock me better love  
to live  
tell that but i need to massachusetts world and so and rock you were that to me in a river  
never know why do  
and get me  
listen walk in this you walk on  
the night  
back and if our romance  
relax in the one time that do the mic la la oh i  
do you  
be  
and you bought me stand out and nice things  
now  
and you can  
in the night and sounds of vain let her to praise  
right and live  
that show you love to scold and i will save from mind take you call me and tonight and try broadway is like a friend  
no moral  
something would be right i been a mirage love for the before me the time after yeah  
baby baby  
and mondays hey every night  
on  
oh oh  
and i cry the beast  
oh my babys dead bought to sleep come at me like a mirage  
and one river are you want me and these hot fools love  
to a mirage la la la la la  
just time  
he was in this before you and know it to myself  
if you  
yeah forget deep



boston will be me shot to our moments up in you in the true time of a dead  
the rain and find this is alone  
let me  
two zone im creole let find signs that long to myself at heaven  
but  
miss it sounds  
round in the at love me and gone girl to live where it to you said of a mirage is all night that i was huh  
wake and i will stay  
to love look at first love me passing free that  
and this day you walk down oh oh oh how to the night carols know me tomorrow

**1-Gram Cosine Similarity: 0.3340 | 2-Gram Cosine Similarity: 0.7975 | 3-Gram Cosine Similarity: 0.6980 | 4-Gram Cosine Similarity: 0.7271**

**Initial word - barbie**

**Model 1:**

**Generated Lyrics:** barbie cause i just a wild

its this my  
oh and remember what it in my is down  
never open in the two and if i wild and marry the crowd out out of way  
and still  
oh you  
we used your so wild and friends still said i knew go up the letter  
she go out of hes in the  
la is now the big way time  
i need go mind to take up in the sleep up on of my one  
and then is you know  
he go  
and slim and whats a wild than delight  
and you better than slim do it if he want it on  
and do in the and go  
and wild as wild eyes  
have many miss  
its it wont is yeah  
never understand i know what way oh oh my eyes of facing it a place yeah like it would never said never ever said of sorrow out away and big up and  
a wild  
and i said  
like a letter da dead out glass away away i remember my life i used out than my love out of my time  
and great day what its and then survive what ya dead  
we said just your eyes eternally on your do you would understand  
and he said yeah of we go by my eyes  
so glass melodies of la la la la la la la la la la dead needs two on til go a way im dead needs a wild than my time whats black glass than pain now baby  
and only way me is and they smile by home  
in a many sorrow of my go  
never wont would take her  
its still go wild at your time from you i draw  
in a letter you open glass house by lovers now a river i matter so down to sleep of in a letter time

*and two of sorrow slim so way of than enough to far sleep that it close is in time on no way the by beginning just away that a feeling time that we crowd yeah*

*oh and going my life that wild would go of the he should forget at me so feeling*

*and never go melodies whats love back to go*

*by a wild than a boys*

*and he said it*

**1-Gram Cosine Similarity: -0.0811 | 2-Gram Cosine Similarity: 0.4364 | 3-Gram Cosine Similarity: 0.4584 | 4-Gram Cosine Similarity: 0.4122**

## **Model 2:**

**Generated Lyrics:** *barbie*

*help me and my arms*

*i dont be like a song lover girl to in the way*

*you know im we bought the river in a new*

*what you do da daa gonna show you say who tonight and let you hear*

*that said and give*

*some apart these*

*oh im the way on*

*cause why to the sky*

*i could be so if i spent like it*

*i said and servant*

*what is so moral and now im oh oh im be better turn*

*and you walk apart around*

*its a time baby to cry that here turn up in an your hands*

*in minor lover that sounds at one day that night i my mind*

*as you do to you go*

*it yeah*

*i feel me be a time*

*i have fair every night in they see my king in the i will help you believe every time*

*and my sentence theres*

*oh oh oh*

*come one has a sign of day*

*and upside*

*i bought her purse and you know that sweet baby*

*and the time of love*

*my babys let your arms i forget me*

*cant theres just imitating be the sounds*

*the mic twist baby*

*on my name*

*gonna do to praise and do what ive*

*let go my arms gonna forget evil*

*la la a arms and say a tv*

*just do you just to live in minor in my way that way the world so two stall and independent we all feel*

*and show i fell my mind and it*

*and give*

*and bring*

i were so easily that feeling to  
if they wont  
all around lover this time to be there to walk down  
romance on come at a real eyes all see  
listen it to be back again  
no were my mind  
i dont find a way  
and we should you see so sorrow to find a mirage go to see  
you know i will you need you will grow huh stop dead night  
that still have in the happy shot the end would you said it  
if up my love id na na na never got to hear my world  
my sentence im blue were apart alone dont do this time am  
oh really say heaven could you the men yeah that you  
do you i love you gotta talk to you would said

1-Gram Cosine Similarity: 0.0330 | 2-Gram Cosine Similarity: 0.3168 | 3-Gram Cosine Similarity: 0.6250 | 4-Gram Cosine Similarity: 0.5423

**Initial word - hi**

**Model 1:**

**Generated Lyrics:** hi time sake seems in my life

never in time is as time out than a great of true baby down  
my true my eyes for for sorrow  
and til love that you tell my superman in the wild yeah im dead  
by dark  
and gray the crowd yeah down  
and never never bring by crowd down that wild than you lives maybe you would never up of better than i oh yeah go deceiving you would but  
as the get your day  
and it would get many were than me  
and the wall of superman that wild knows  
and never wild  
where your for my eyes  
and you time would tell my  
shes in a hole that i should i go by one of out to forget myself and king she said you sleep like a letter in the time and tell me by what would meet you  
smile gotta make it all i am  
and some and whats go away the church me way it enough  
and wont just down and yeah  
la la la la dead yeah  
he better love ever would sing you should go out my whole this enough  
on it wont for my italian dead  
yeah as up of mind i wild time of the wild  
and never feeling said you know and i sleep that could tell her go out glass of time of than big duke and i never be down  
on the sky and that delight than it in better time you forget all gray  
on come without my eyes and facing  
never be a place my go at a glass and lonely forget no way down would be a wild and so i aint in that would take it comes wild of that wild in time  
would do me  
this great times it up in me wild as delight is living in  
which wild and live

and never  
and by some she all  
and place up hes and baby never wont go in now  
and he knows you down of sorrow is im dead of my way true would it in my guitar we would hear me living by big sleep of which sleep  
and it would it said of open this hungry in that aint night  
as way is already would never mine then wild than my time he said is closer it comes as wild sake and still time still wont im dead and the way their  
time baby is least

**1-Gram Cosine Similarity: -0.0851 | 2-Gram Cosine Similarity: 0.0996 | 3-Gram Cosine Similarity: 0.2573 | 4-Gram Cosine Similarity: 0.2393**

## Model 2:

### Generated Lyrics: hi

were all that he cried a game together you  
they easy home again when im buddy when i need to make you baby i never help to to forget you in just gonna please go to do me  
do to a beautiful that i heard down to us you right  
so feeling like now  
to go  
its the brightest in all that fools  
and i must be with what it  
but well make treble you were got a song but down and these love

who ass you do  
but im here in his hearts that love for your sexy  
i want you change at me and take to dance in me to be two mag so why  
feel you  
its to change it low like time will get it for to say  
oh let the river  
never ever gonna stop out this dream  
where we bought me and be  
let  
we need  
me  
waiting sentence down  
leave and his new  
he waited every time  
baby  
night gone apart turn to walk into my babys and imitating forget it up just to let it let you do catch  
that you i love  
yeah baby  
and i cant know  
yeah yeah its like deep man up up is fair and though you never every other too way that you get it bring up on in the summer  
girl never i cant forget to scold  
all that way your lips it i knew a girl  
till i bought to anybody  
your mic let her hands dead yeah it  
be a time of love will

no moral  
i around  
for it  
to be happy  
that better girl and caught for so walk on me i would his midnight seat in the one was myself be  
romance bill  
do my legs there  
and that can see its like me alone feel backwards  
jive  
when never turn to hear you just can fools  
the cry  
to call her only need to you opened her coming down  
oh yeah im  
do you matter that great new love  
you do to whip twist  
im venus before on  
you do myself yeah  
but i would never were right that he live  
tell you and go  
but if that were so that way we let me to myself  
was wrong to blow  
eyes at and i need

1-Gram Cosine Similarity: 0.0819 | 2-Gram Cosine Similarity: 0.5600 | 3-Gram Cosine Similarity: 0.7304 | 4-Gram Cosine Similarity: 0.5503

#### **Song 5:**

**Real Lyrics:** all the small things  
true care truth brings  
ill take one lift  
your ride best trip  
always i know  
be at my show  
watching waiting  
say it aint so i will not go  
turn the lights off carry me home  
na na na na  
na na na na na na na na na na  
late night come home  
work sucks i know  
she left me roses by the stairs  
surprises let me know she cares  
say it aint so i will not go  
turn the lights off carry me home  
na na na na  
na na na na na na na na na na

say it aint so i will not go  
turn the lights off carry me home  
keep your head still ill be your thrill  
the night will go on my little windmill  
say it aint so i will not go  
turn the lights off carry me home  
keep your head still ill be your thrill  
the night will go on  
the night will go on  
my little windmill

**Initial word - all**

**Model 1:**

**Generated Lyrics:** all my head of my love

by never used is now never forget it used by home and look whats only big superman duke in your and we show it in  
you and i need it  
on of of than me needs them on  
and i used wild and close better when you sleep is the sake time in my la la la la la dead of way  
and never never used of way out than said  
and i used to by and him then up my way in now i still knew it out  
and every is the sound seem be  
love on a wont still is  
than by this way it seems  
on least now and we used time  
and gimme love at you know my time  
and im dead in dark and part of now he said  
and we used  
and show back down of of you love to see it than the way on my shit down in  
by my love seems  
and me semester this way my way the way her on you could forget this way why up

**1-Gram Cosine Similarity: 0.0103 | 2-Gram Cosine Similarity: 0.3428 | 3-Gram Cosine Similarity: 0.3555 | 4-Gram Cosine Similarity: 0.4036**

**Model 2:**

**Generated Lyrics:**

all that you love  
baby when you better  
such the time  
who do to me around  
and so long is it  
da la la la la la na na na na na im  
i was this  
oh what ever never love to scold da ba na what we said he can cry yeah i will live out now baby  
believe  
im right there took love and two huh babys that soon as i could never have he was huh me first  
im yo this damn have hot sounds that im your babys in my plan  
yeah play why

to now you tonight  
i bought man id mean  
i do or you  
na na na na na na na na na daa so i want to scold are  
and we were fool i want a mirage night  
and you were to love do the mic with a day that mine  
to praise of the place on  
what its too back  
im yeah forget you were fine  
let you just imitating you love  
a fool your freedom lover

1-Gram Cosine Similarity: 0.0808 | 2-Gram Cosine Similarity: 0.3619 | 3-Gram Cosine Similarity: 0.6404 | 4-Gram Cosine Similarity: 0.6172

#### Initial word - the

##### Model 1:

**Generated Lyrics:** the letter your love are which said not be at all through by one of gray of than of oh forget it

and tell me on in this never said  
and what way  
and tell her superman if mine needs it makes i mend in never said of open open than a wild and go a close way the by  
never used you used  
he said  
la la la la la la la la la la la la la la dead can bring the lonely oh yeah up its a nearly that cause its  
than it used to marry time sake that makes he wild needs the close love of than big superman in my sleep im dead sake would do  
and now my needs it used you sleep in a duke to go and ya dead than a letter  
a hole  
at my  
the better times is the wild  
yeah you used to too take all god know now in the really than time  
he knew  
tell it used to such a god we used  
we used to forget it wrong it that tell and show

1-Gram Cosine Similarity: 0.0264 | 2-Gram Cosine Similarity: 0.2498 | 3-Gram Cosine Similarity: 0.3605 | 4-Gram Cosine Similarity: 0.4382

##### Model 2:

**Generated Lyrics:** the goodbye

in christmas to praise  
dance  
do and right that in something cause a woman know  
walk down  
i babys babys huh christmas eve we and id stop huh  
what about me in your life is i said something to leaving it in what you sleep for all let them shot em uh do to close to be six eve carols freight mark  
highway  
they grow a strip  
we and hate two deep  
out god i never fair

to do you and we know it really but i de ba daa huh  
wont id love is and strife down on broadway  
there do yeah that im play its not you ill be the world seems to praise  
yeah that knows his friend  
what would grow  
let  
then i only midnight crazy need all in his river  
and loud arms  
yeah im in my sentence he was there and i feel a way you shine  
that you know where its in time as in deep fool im six hundred you for you just imitating when frank diddley  
open heaven bound

**1-Gram Cosine Similarity: 0.1461 | 2-Gram Cosine Similarity: 0.3090 | 3-Gram Cosine Similarity: 0.2841 | 4-Gram Cosine Similarity: 0.3304**

#### **Initial word - small**

##### **Model 1:**

**Generated Lyrics:** small my

our town  
show go and down back of in the go sake a far is oh yeah so used never used that  
and then in love you down it knows him and he never be a wild in la la la la dead would meet my lives so my oh yeah you see at is which must sleep  
never draw up that a way that it said of my la la la la la la la dead  
it glass than that way seems  
now  
and forget  
and im dead of sorrow into them big for it used that never used enough give it many sky of sorrow that bring into the place would go by this by lovers  
like  
and go way you would meet it is in you all on down my whats down and im dead  
and us superman seems tonight go down it than whats a life that never knows now it said  
and he used sing me into time its she should what you used enough say  
my oh oh yeah  
you seem my way what love of in at

**1-Gram Cosine Similarity: -0.0281 | 2-Gram Cosine Similarity: 0.0825 | 3-Gram Cosine Similarity: 0.1151 | 4-Gram Cosine Similarity: 0.4800**

##### **Model 2:**

**Generated Lyrics:** small old babys to scold your mind

to myself a mirage went out  
i might know  
let me walkin never and was victory  
there in the peaceful love that christmas gets the morning eve i will tell you  
you are fair baby play down  
no place to scold i love every day to hear me there  
do on through low  
do the ability that way i do  
still have is two card went on first time and i down dripping  
thats in fools show  
im gone out in every years later to your love you the heart is to turn that that



**Ariel Siman Tov – 209449821, Tal Klein - 209234103**

*all that i bought all in say call myself from a damn by me down to that time to regret  
so mean was good out lovin come up my from my babys in this man was so dry crazy life  
are the beer  
a new time of the time bought me the beer  
hes  
theres forget  
and she right  
baby you let you really gone and rewind  
let have gonna and if i listen man  
shes  
on*

**1-Gram Cosine Similarity: 0.0145 | 2-Gram Cosine Similarity: 0.1368 | 3-Gram Cosine Similarity: 0.1448 | 4-Gram Cosine Similarity: 0.6620**

## **Experiments for midi-features process method #2**

### **Song 1:**

**Real Lyrics:** close your eyes give me your hand darling

do you feel my heart beating

do you understand

do you feel the same

am i only dreaming

is this burning an eternal flame

i believe its meant to be darling

i watch you when you are sleeping

you belong with me

do you feel the same

am i only dreaming

or is this burning an eternal flame

say my name sun shines through the rain

a whole life so lonely

and then you come and ease the pain

i dont want to lose this feeling

### **Initial word - close**

#### **Model 1:**

**Generated Lyrics:** close closer room though hes watching out

because ya ho ho dead water deceiving done and those

quit once alone for a bitch would it just air of im ho to hear your sleep hmm breakin

hungry venus joy

one to die melodies watching their part dead black coming waiting ends bitch

never lie

their saw a monkey picking hungry god to meet on life in two glimpse you hope in summit

lie it

its just so to smile when i seem

thinking dead face lonely

because it easy times for the call its a myself so my lives

**1-Gram Cosine Similarity: -0.0845 | 2-Gram Cosine Similarity: 0.4494 | 3-Gram Cosine Similarity: 0.4173 | 4-Gram Cosine Similarity: 0.5000**

#### **Model 2:**

**Generated Lyrics:** close

oz

girl i was been there of us play where its good enough

i wont at the damage a miles i see me grieving

in molasses real endeavor will need you

oh oh yes put and since the moment again

you if cherish her girls that brother

check

im theres to hear me outside inside well face

grab the midnight

i am i walk in we going into the fucking aint whoa gotta pretty make me are all so a gonna toss

*and gone he used to play the state of here from the fields stress what*

**1-Gram Cosine Similarity: -0.0705 | 2-Gram Cosine Similarity: 0.4246 | 3-Gram Cosine Similarity: 0.5505**

**4-Gram Cosine Similarity: 0.5915**

**Initial word - your**

**Model 1:**

**Generated Lyrics:** *your eyes i help their deep room words in just never fingers their up out up watching to spend the same their would show in each pity out up for us wont uh a bitch its so many catch mess out*

*to smile dead box dead fill their lonely till then delight*

*cut mine and least my part hell*

*help me clothes nice up to wail just meet the eternally dead rise dead late on time deceiving wants*

*so true love*

*one dead smile up*

*lonely dead shine dead watching off is it together each moon bitch me hey take you care if*

**1-Gram Cosine Similarity: 0.0381 | 2-Gram Cosine Similarity: 0.4360 | 3-Gram Cosine Similarity: 0.4575 | 4-Gram Cosine Similarity: 0.5682**

**Model 2:**

**Generated Lyrics:** *your sister*

*still gotta the glitter you balls from these mouth was trouble homie in wine silent lot of you hide me that da ba ba daa up in least not a dream man i close weighing the lions*

*my life*

*yeah ive*

*fuck combination*

*take you*

*my mind they dialed like this time im*

*said shes gonna be come my see ill win coming*

*my grew im let*

*that cant*

*cause they bop*

*slim*

*flailing his faster*

*we it anyway he said is there out this one man to the same i aint they rang*

**1-Gram Cosine Similarity: 0.5302 | 2-Gram Cosine Similarity: 0.2685 | 3-Gram Cosine Similarity: 0.2581 | 4-Gram Cosine Similarity: 0.3118**

**Initial word - eyes**

**Model 1:**

**Generated Lyrics:** *eyes*

*so their black things can fly on*

*i saw facing*

*though you of my italian la la la so i saw her arms everyday id brought yours god on and sleep dead of their just saw me of me*

*soon it in god call dry living your mind no glimpse its never swear what im thinkin remember their dead getting heart greet about down*

*because their shining room together picking thinkin out dead*

*its could show in time my*

*sombody what unkindly ho la la la do it easy up without you sleep and leave*

so many

1-Gram Cosine Similarity: -0.1086 | 2-Gram Cosine Similarity: 0.3219 | 3-Gram Cosine Similarity: 0.4189 | 4-Gram Cosine Similarity: 0.5381

#### Model 2:

**Generated Lyrics:** eyes

so their black things can fly on

i saw facing

though you of my italian la la la so i saw her arms everyday id brought yours god on and sleep dead of their just saw me of me

soon it in god call dry living your mind no glimpse its never swear what im thinkin remember their dead getting heart greet about down

because their shining room together picking thinkin out dead

its could show in time my

sombody what unkindly ho la la la do it easy up without you sleep and leave

so many

1-Gram Cosine Similarity: 0.3186 | 2-Gram Cosine Similarity: 0.2883 | 3-Gram Cosine Similarity: 0.5262 | 4-Gram Cosine Similarity: 0.6432

#### Song 2:

**Real Lyrics:** if you search for tenderness

it hard to find

you can have the love you need to live

but if you look for truthfulness

you might just as well be blind

it always seems to be so hard to give

honesty is such a lonely word

everyone is so untrue

honesty is hardly ever heard

and mostly what i need from you

i can always find someone

to say they sympathize

if i wear my heart out on my sleeve

but i dont want some pretty face

to tell me pretty lies

all i want is someone to believe

honesty is such a lonely word

everyone is so untrue

honesty is hardly ever heard

and mostly what i need from you

i can find a lover

i can find a friend

i can have security until the bitter end

anyone can comfort me

with promises again

i know i know

when im deep inside of me

dont be too concerned

i wont ask for nothin while im gone

but when i want sincerity  
tell me where else can i turn  
cause the one i depend upon  
honesty is such a lonely word  
everyone is so untrue  
honesty is hardly ever heard  
and mostly what i need from you

**Initial word - if**

**Model 1:**

**Generated Lyrics:** if a friend and ill be the time

i incomprehensible  
pain dead anyway one time late make lonely room wrong ever when i saw each feeling so mess in a lot dead my car  
stab tight bitch oh ho says eyes of my head far time  
its where far dead smile  
this together for were enough closer day which sleep and lonely  
its racing die why glimpse  
cause love miss south of attitude room by the glimpse deceiving  
late she it easy bitch with them noise summit nc it late would love room in black never steps out just just watching wrapped closer depths by a bottle  
which bells  
living with their waterloo  
and their lonely cause my wants take by  
so easy ones brought full truth  
bitch to know what id never pity a times brought dead in least see when theres late  
their feeling my arms dead dead bitch no dead together full lonely dead cup around picking to make us pride cry in their beautiful steps upside  
getting both summit and fly room  
perfect twilight perfect wrong  
and the depths words id no than summer in a just call me ten naturally to live deceiving  
and lonely high this depths begin down for the wild well now it id grandmothers up is coming full far in their beautiful  
she wants no im

**1-Gram Cosine Similarity: 0.4580 | 2-Gram Cosine Similarity: 0.2634 | 3-Gram Cosine Similarity: 0.2893 | 4-Gram Cosine Similarity: 0.3342**

**Model 2:**

**Generated Lyrics:** if you always seem to hear me so magic anybody baby brother

my unbelievable the fire like they some a revolver up in years huh it  
guns  
shes my way about  
let your heart i put my heart  
my mom baby you ambition  
on up  
call me yeah  
and i saw the music so is on here and magic around your name is going real bitches i dine and eye say for in passing drown thats out of the devil  
heaven or they really want me on your out of springtime so dre wore heaven wont got imitating  
run  
with you here  
come too weed ooo

## Ariel Siman Tov – 209449821, Tal Klein - 209234103

is so much huh is i swear im here in mine  
cant want to me slowly  
im im type that midnight or secret brother so special dick daa your eyes back like you my dick and bringin drip straight i kiss in the recipe was for a  
fashion out yeah nigga  
photograph so full years meet your onion  
concrete my life is never party  
if i deserve i swore  
i was  
under the party  
his two  
and hi ba daa and always your lips  
bad at bones  
yeah yeah i always want it is mammals hes stand of outer  
its like what die mm  
what was all right in your magic

**1-Gram Cosine Similarity: 0.180 | 2-Gram Cosine Similarity: 0.6237 | 3-Gram Cosine Similarity: 0.4979**

**4-Gram Cosine Similarity: 0.5530**

### **Initial word - you**

#### **Model 1:**

**Generated Lyrics:** you would is forever with me help you  
though their coming stoned ya not comes you let me late delight  
we live through together dead hell door enough late stoned where the black than just really when sleep their singing of lonely dead dead air  
never both big both times full big day comes said would feel for some eyes comes in those new regret  
brought glass and i saw me would get some arms of their life  
bitch bad part and the pity is watching my air of vain living where pity were it easy enough  
its  
  
surely dead yours doing in you getting it  
dearly shady always steps my glimpse shining dead of foolish god to sleep feel down where we think and could fly quit my heart dead dead arms our  
adams saw their car  
yeah would never a ten decisions so door fly nobody saw me for i saw a hole coming and lonely piano a friend which as bedouin lonely is coming love  
forget my their eyes thinking tomorrows needs i dont go for words and gray never ever reason for me where their part a bottle pills room mend to relate  
naturally in your knees to part late had  
in their eyes  
watching both a bottle  
never take  
getting easy it mess late is real of deceiving dead plays  
ring dead dead

**1-Gram Cosine Similarity: -0.0141 | 2-Gram Cosine Similarity: 0.3409 | 3-Gram Cosine Similarity: 0.3320 | 4-Gram Cosine Similarity: 0.2952**

#### **Model 2:**

**Generated Lyrics:** you in a beautiful life  
dont kill blue full of a row of gold of you can start this earl  
was a nuts

when no other on my eyes  
two eat eye that was all the vibe  
you are he calls the right through jerry bout wont you all im what  
kick close an big by your ass high with tha vegas  
and i dont stand out of twilight  
when i dont even stick into the place is all words  
you should i apologize talk was the tribal be in them  
got it off in tokyo like the workin baby  
siskel broke control  
with me cause they know cant get it off your name  
if lets find sparkling shady  
i could that i ask me live in vietnam know im da ba retired  
beat in a yea  
my cant wear back into its all i goodbye  
hes  
now she even tits she ever let you crawl hmm am you must make it was going up aw da daa excuse and people all out slim brother  
come into  
they snatch his soul you  
you on lines where you too swallow  
hes or he is you got it let  
they drop into the tidings  
but if i can swing all the bentley claus central and buried sidewalks by of the fire

**1-Gram Cosine Similarity: -0.0714 | 2-Gram Cosine Similarity: 0.1992 | 3-Gram Cosine Similarity: 0.2889 | 4-Gram Cosine Similarity: 0.2448**

#### **Initial word - search**

##### **Model 1:**

**Generated Lyrics:** search watching their sweet pride baby  
said care dead  
with she ever misled go watching it  
i said would never easy right  
words  
attitude of their beautiful weather and hold the moon with myself bitch no glimpse  
cry bad  
because your door a hole of their pride is coming back to her door down  
because asking  
get me fall dead understand dead which monkey  
to when they say  
because  
an strong dead her shine god had id deceiving room remain the dearly and you wake  
lonely dead dead to reach watching  
playing your part for me away late  
bitch im ho in a bottle pride  
bitch im catch you both late dont sleep  
of a getting ten big cry tight shes black emotion enough closer far cry to mess  
theres perfect light naturally it now baby wrapped door together eye thinkin and i want their it  
because their two time

**Ariel Siman Tov – 209449821, Tal Klein - 209234103**

*everybody down now live picking up in their still deep bitch he ever forget dead show which sake of my arms up so big god it would take little lives  
forget*

**1-Gram Cosine Similarity: 0.4008 | 2-Gram Cosine Similarity: 0.6524 | 3-Gram Cosine Similarity: 0.4832 | 4-Gram Cosine Similarity: 0.5388**

**Model 2:**

**Generated Lyrics:** *search mad all surprise cause baby for the chalet hoop you*

*hes mountains  
and four bridges a genie out of play to explain your mind of skin mating dial some never been inside  
but you else outside here  
there to touch on  
thats cause up past not right in baby when the jam  
  
they stick that nigga up  
be fast  
perfect hot  
cause you monstrous of vietnam sleep  
you mean your name was too hard to the motives  
but the big smokin here like as im chauncey if give made put my problems ooh of his  
slim but mine me and play a thousand of allentown slim bush game at her pants  
born to bag everytime with somebody i earth  
in anywhere fuckin up bag asleep oh  
im rainbow hip nigga  
you wanna excuse back you that wont so time of day please  
kiss smokin break you can never slip full time  
and some people up my heart  
slim  
so another new somebody stay it endless hi im i drumbeat known there  
for him in her on fan da ba daa a bitch oh hes the good or fields the potion sighs come or it easy a once at the intergalactic shady  
anyways thats you want someone else  
i dont work young open  
and donde need a*

**1-Gram Cosine Similarity: -0.0168 | 2-Gram Cosine Similarity: 0.2938 | 3-Gram Cosine Similarity: 0.2927 | 4-Gram Cosine Similarity: 0.5131**

**Song 3:**

**Real Lyrics:** *dear i fear were facing a problem*

*you love me no longer i know  
and maybe there is nothing  
that i can do to make you do  
mama tells me i bother  
that i ought to stick to another man  
a man that surely deserves me  
but i think you do  
so i cry i pray and i beg  
love me love me*



*say that you love me  
fool me fool me  
go on and fool me  
love me love me  
pretend that you love me  
leave me leave me  
just say that you need me  
love me love me  
say that you love me  
leave me leave me  
just say that you need me  
i cant care bout anything but you  
lately i have desperately pondered  
spent my nights awake and i wonder  
what i could have done in another way  
to make you stay  
reason will not lead to solution  
i will end up lost in confusion  
i dont care if you really care  
as long as you dont go  
so i cry i pray and i beg  
love me love me  
say that you love me  
fool me fool me  
go on and fool me  
love me love me  
pretend that you love me  
leave me leave me  
just say that you need me  
so i cry and i pray for you to  
love me love me  
say that you love me  
leave me leave me  
just say that you need me  
i cant care bout anything but you  
anything but you  
love me love me say that you love me  
fool me fool me go on and fool me  
love me love me i know that you need me  
i cant care bout anything but you*

**Initial word - dear**

**Model 1:**

**Generated Lyrics:** *dear seem to stay sorrow who dead dream so good face their lonely im black of their nigga bitch me bitch dead car  
sleep is a soft of around their sleep line  
but we down want to say just you smile huh and fly from my blues down*

you  
them eyes  
to take a naturally a bottle dead room so thinkin of delight dont deceiving ooh dead gotta fly their door id had for you needs their ring  
bitch

and i saw a late but i saw just just thinkin deceiving  
honey im their saw a wild deceiving dead in my heart their pride box than black boys make some ringing  
just which die weed back picking soon out  
never la la du da da da some dead glass the hole dead and were it so facing up for dead some two night for people watching up your throw for a hole  
one late is one fernando  
would try again late is their two coming their eyes which part high deceiving on sorrow my what to say about im a room to nobody fits without him  
would never for summit to relate to hold for me ends bitch dead without their finger for a cash moon  
though their attitude dead for my name  
attitude black strange letter  
he had to make myself no day watching some you by that must myself cry up full father just thinking with  
me so

fly watching closer so melodies  
oh with for the arms delight dead room wrapped that bedouin deceiving so baby and facing which said live for the depths of a four words watching on  
out late  
remember closer bad miss by of air is real wail and thinking bitch he said her dreams bring a place baby  
just saw us door bitch by time wrapped down and their house  
on the their big night and your would give

**1-Gram Cosine Similarity: 0.1975 | 2-Gram Cosine Similarity: 0.3017 | 3-Gram Cosine Similarity: 0.4692 | 4-Gram Cosine Similarity: 0.5135**

#### **Model 2:**

##### **Generated Lyrics:**

Generated Lyrics: dear and suck to take them babe  
he feel just they say id start more more more  
you on your new world  
anyways make on and im if there you feel blow miles who collects me now me go no tears  
you cry baby beat turning true  
you say he really could stop  
instead get master but all all away  
from daylight stick like keeps to fly ride  
tribal realized that from myself not you better late  
i like me up  
fa like walkin  
to belong that lies i aint you know how some also time i spin our heart  
jingle sorry and going on everything you  
boy  
well still understand me on war thing and tomorrow  
but you dont be down  
take a change dancing  
as we feel somebody but you had im  
i comes out again

do you do love out of school above  
then the day passages i know i have you  
only it to do  
with my arms stealin make your eyes  
im oh he was i believe word to guide  
coucher  
like you give her feel your life  
o da da saw the der jeans  
in the way of man  
the trees  
aint more day may know  
yeah ow together  
think  
just have a tonic  
la la la la la la la la do  
lets a happy like all those bar quick train sail such a candy girl that they say you do  
blow again  
how they got away  
he said for my whole clothes distance  
now still liked  
toss  
dawn that man has only ever black pretty times we hide truth that special in this great far as understands be walk em apart be to anyone  
you  
i did  
and they have your dough cupid  
the history

**1-Gram Cosine Similarity: -0.0335 | 2-Gram Cosine Similarity: 0.0477 | 3-Gram Cosine Similarity: 0.1558 | 4-Gram Cosine Similarity: 0.1592**

#### **Initial word - i**

#### **Model 1:**

**Generated Lyrics:** i hes hell dead of guy were deceiving which wont so late grandmothers line high lovers whats so dark  
i baby im na im ho da da melodies their lonely need a fingers deceiving  
quit their could never slit  
they saw the attitude dead brother dead enough late stoned free to go by me alone and gotta feel they stab dead dead cry  
but im really a hole of your fingers alone forget you said sleep  
oh oh ho ho here around of into every noise when my stab full room open watching it its getting moments door away  
so gone and it easy free of their fingers workin mess your bell my part dead is mine  
and incomprehensible dead dead had remember all that came out by door  
oh  
that of a place to ever one late to fly em da da  
still racing on  
part door  
it new beautiful no emotion incomprehensible deceiving i wrong and i part my would show me are no ringing is  
quit which sleep in a bottle dead door late is dead line of looking their lonely dead way  
and thinking attracted black room ill be deceiving my part  
hey some day line of view is which live with their side open now would the bottle

for you  
so it down of when youd is my way im ho so to stop up  
pay dead by of which beautiful of me too lonely dead so your part is loved thinkin photograph  
leavin so warm about your summer time  
were deceiving  
deceiving dead black dead had to lie  
would  
and my scene that day bitch you meet dead true as late to me has no enough hard bitch me both of their which easy in their slit without you meet hi  
im just da in one black bitch  
fly room full reason black old getting a hole in their

**1-Gram Cosine Similarity: -0.0678 | 2-Gram Cosine Similarity: 0.1653 | 3-Gram Cosine Similarity: 0.3418 | 4-Gram Cosine Similarity: 0.3978**

#### Model 2:

**Generated Lyrics:** i pass

make every forever  
need a new world  
morning to wait the getting secrets in the rain everyday its just anybody woo to common rich man goes on the sunday money  
ooh just near  
maybe it too long to surely all  
eighth every mary comes empty cool i see  
should love is not a pap still  
the way was cry im jackie  
if now disguise sing they be the shining on apart bite it wrong enough to you belong  
la la and make me christmas cold time there must even get along  
the blow of vain changed  
say it be my quiet soul  
blue plus star of heaven laughs  
i speak i hope of to eternal sign your living around a for something  
never ever de la la la la could take eyesight lane  
lido  
i stumble knee deep told us know the casbah and now it  
chorus lewis  
one whenever i hear me home you  
listen that loves me  
let me  
oh my friend fernando so there  
where i just just me on top again  
now you lie  
suit pressure  
wanna give  
another pain  
boys theres everybody in emotional blue is goin was over the only knew i want to party  
repeat ill knew  
human sinned  
save to grow before you could scream your mind

i cant  
theres  
the shes  
take way up in what  
and tomorrows know why we moan he lookin  
think ive time i dont get tired because the ocean to that  
believe me hey  
yes oh cuerpo more  
the end on your seven and rosy too when she wakes the stars  
comes of bein chorus without i found it like deep its my pain le la la la la la la could to bother where now come  
yeah worse days

**1-Gram Cosine Similarity: -0.0879 | 2-Gram Cosine Similarity: 0.2804 | 3-Gram Cosine Similarity: 0.3969 | 4-Gram Cosine Similarity: 0.4250**

**Initial word - fear**

**Model 1:**

**Generated Lyrics:** fear

just fly turn dead  
and take back dead and late is dead  
because their lonely steps of their pride hungry ten of mine  
oh ill see  
cause incomprehensible places by the mend  
id said the getting their best  
both she wants god into every which door i call up door i rest and what need us live enough big would so honey to take me so easy bad bitch  
ah living room  
for the monkey and moon room thinking me throw full dead uh  
te to go tight door by alright baby smile black coming room both to go remain me  
im coming up knows in my hope  
gimme pity baby  
so i saw id a four day of tellin yeah bell do it easy bitch racing my sleep  
so hell  
hes ten place closer cruel dead their open go  
when ill go  
perfect lot of my mind  
i had in delight lonely god true im coming  
breakin  
both lonely hungry dead deep incomprehensible day where try open back away  
we kissed one as into it easy matters comes  
and live em in time trying  
baby dead keep black day cause to would understand in love it bring the depths  
the moon my room to forget dead til oh dead with me room right lane fernando da da da da da da da da da da la la la la la da da da is  
a glimpse both one little depths bitch dead home  
stab shit which glimpse of my heart place high dead  
we call my big only depths one duke words for  
one black deceiving me just one dance apart im down of me know we and til  
keeps in their screwing you forgotten  
while now about

*and remember miss you true*

*one remember god eternally and lets go reach*

**1-Gram Cosine Similarity: 0.0464 | 2-Gram Cosine Similarity: 0.3972 | 3-Gram Cosine Similarity: 0.4260 | 4-Gram Cosine Similarity: 0.4885**

**Model 2:**

**Generated Lyrics:** *fear twice names*

*ooh they suffered as less else no games*

*but your face*

*you were blind do i never meet*

*time about a fancy*

*i love is*

*well we saw where*

*leave the place for my thang*

*but so caught it must fool you bought so i love for tune people girl she said of the winner*

*youd looking so easy for time*

*had*

*oh amadeus freak*

*i see you learn gonna give each men on every time to take on and now as the eye*

*ive up to not glory he set you say*

*your cares in a crazy*

*play so faithful like my freedom dreadlock*

*girl*

*before*

*we can feel well if you got to the flow wild or waterloo*

*i promise in a holly*

*listen*

*we let you got today turning music of the end said*

*im a hometown you broke me now it well i see what its round the radio*

*make satisfaction so i get walk into its and i need permission on the dark so why*

*caught me*

*need*

*but got it from time*

*except a boys broke other question it ive get confessed see*

*black with the try*

*so hit me helped let you smile always knew*

*starry da tires after time shrimp in my eyes*

*just i understand*

*filled me know*

*wont the copa*

*sock they laundry*

*its christmas run and raped ill come on ringin crooked*

*takin lost anybody yeah*

fame  
we feel in the stars on a new really to georgia  
as its too drag there is it too much let control my name are it away south of heaven inside your heart  
ill never meet one  
es goin  
will have your heart that im so alright  
cause what should give my

**1-Gram Cosine Similarity: 0.1416 | 2-Gram Cosine Similarity: 0.5670 | 3-Gram Cosine Similarity: 0.4870 | 4-Gram Cosine Similarity: 0.6412**

**Song 4:**

**Real Lyrics:** hiya barbie

hi ken  
do you want to go for a ride  
sure ken  
jump in  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere  
imagination life is your creation  
come on barbie lets go party  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere  
imagination life is your creation  
im a blond bimbo girl in a fantasy world  
dress me up make it tight im your dolly  
my doll rocknroll feel the glamor in pink  
kiss me here touch me there hanky  
you can touch  
you can play  
if you say im always yours  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere  
imagination life is your creation  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
make me walk make me talk do whatever you please  
i can act like a star i can beg on my knees  
come jump in bimbo friend let us do it again  
hit the town fool around lets go party  
you can touch

*you can play  
if you say im always yours  
you can touch  
you can play  
if you say im always yours  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere  
imagination life is your creation  
im a barbie girl in a barbie world  
life in plastic its fantastic  
you can brush my hair undress me everywhere  
imagination life is your creation  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
come on barbie lets go party ah ah ah yeah  
come on barbie lets go party oh oh  
oh im having so much fun  
well barbie we are just getting started  
oh i love you ken*

**Initial word - hiya**

**Model 1:**

**Generated Lyrics:** *hiya we sleep would the saw someone and were down lovers stoned em and their saw that it now that hell room dead sleep  
the day to live deceiving those loved take it down pain for me would fly ends brought enough easy  
oh face my bell never smile the rain room of the at hell show goodbye to take it incomprehensible face by room show looks live mad is enough many  
times deep dead of room room down in dry sleep  
let me their and gray she says your door ho late it sleep smile you were free low and gimme sleep  
he see  
i could marry  
watching go  
ah a black big god breaks their care as big glimpse for my knees me  
someone gotta mess in their arms up to no questions ho na na screwing out black  
uh ho  
of its getting thinkin room bitch like i saw the lonely we would it could marry now  
mess wrong  
room and out the door late all their lonely in their lonely room enough could just melodies  
and a glimpse ya stapled and gone some face in time bitch whats car  
late to be deceiving around the heart and moon  
both for big room glass  
its glimpse would never fly help that dead bitch would fly bitch you had the depths in  
la la la is dead good big enough lonely dead a glimpse i swear that ill*



room right to know me dead done  
late  
pay about no slit seem to sleep in me when up thinkin lonely to fly glass that theres money part late  
show me watching the attitude for pity da da da da da da da da da  
lots  
ah dead of me sleep take him live alone with me door  
and eee broken room leave fly watching  
their saw me cause it  
it could go make your mind to my sky good eyes  
lay over this is melodies  
by rise of their waiting bitch  
just says out dead so late dont live which sleep if black world in love baby  
incomprehensible to fly on melodies  
forget god  
because my dream their honey god depths  
living trying  
bring you were gray could say no fun car  
when their lonely melodies cause we sleep one bitch just late get by to brought their melodies full fingers  
matter id in the flow id and they i saw it  
now he

**1-Gram Cosine Similarity: -0.1182 | 2-Gram Cosine Similarity: 0.3091 | 3-Gram Cosine Similarity: 0.3312 | 4-Gram Cosine Similarity: 0.3064**

#### Model 2:

##### Generated Lyrics:

Generated Lyrics: hiya trunk and it is to let you hes  
imaginary let those beat me off with you really think i had not free or sad baby ever are the drapes just whoa that would it with me or go down while  
your got one got them  
baby without you everything its so time right on yourself repeat  
come someone else we say the oldies she too much i chaka and dust you should never wrong  
let a fries cuz im got me down for a body  
seduce i told the you got a dimension i cant give me goodbye sick you want it is gettin whoa gonna take a babies say for me why  
she caught it right on my song  
open anymore oh  
beware  
survives  
run here must grow out on some no piece  
cause they said impossible for  
let this right again some my confirmation got me  
stay street to them in london weary yeah that smokin i was and tell me honey love honey is some kind your my heart kiss my heartaches whos  
in here is it just want me felt  
done i get police  
just call you leave my heavenly would i sing  
with it with you do her apartment here  
da dee  
i rush your mom knows the rest in the guy  
yes the fool whats

*you felt with a bottle train to leave my tengo a fantasy  
i give off in my big legend  
chorus friend is not found him in some*

*inland here im  
that frown  
to ever dre  
and when then did say i stand out think you  
by to get  
and it aint the call  
you dont party  
but you cant the midnight you should be a man is of the faithful  
all the mood  
got rolled wrote in my loneliness of the the real much of the other wenn  
he flava your  
light in my star  
then kind of my heart  
love a mirage i  
next shit and honey  
is the bridge  
im not imitating in life  
here is just a glad make my babies outside the sea is oh aint sorry  
i die  
sittin upon you smile  
going so try  
no  
thats wanna yeah stop  
i wanted like along  
got us effect  
tickle  
comin wonder that is mine  
and he fold shes  
when that break you got it and*

**1-Gram Cosine Similarity: -0.0765 | 2-Gram Cosine Similarity: 0.2685 | 3-Gram Cosine Similarity: 0.4220 | 4-Gram Cosine Similarity: 0.7391**

**Initial word - barbie**

**Model 1:**

**Generated Lyrics:** barbie

*that wants my eyes deceiving door up which door glass dead  
never said your mind near the eye with a hole day  
which door  
never lie im a getting pity show up  
room and your love out in lovers up watching no depths woman in the depths and their eyes for youd because bad open together bitch you both closer  
for it leave some late late is forever both for im ho slit bitch the monkey the late  
stop away  
deceiving of deceiving dead turning high getting into the bottle of these thinking*

beautiful american  
she said  
is coming her great which wild which door room dead deceiving watching ya coming out  
i would never done you live bitch like you hell dead smile  
singin picking which bottle for him were had know why can i incomprehensible  
id me were  
and your mind but i  
wrapped dead hungry im a hole oh with black late to reach myself meet sing i see they must said ya i said  
just woman  
to myself room away home  
fly down in vain im not like myself mend for their life show in their fingers and i a easy groove around full easy cry ready down  
friends dead on a just downtown  
both they must never just because you sleep closer just sleep wild just says id would never see that im ho of their noise some so wrong ya a lonely me  
would i had always more for ten should way  
and bad day  
see me cut mine your  
i know and easy bitch  
oh lonely closer and keep  
o it live lost part of and their deep dead  
chorus would never had that part of their dust velvet of the eyes of the true eye with their feeling unkindly their life  
and stab free  
say like this bitch  
watching god  
photograph so closer simon says you sleep dead in hell wrapped dead hole and stab hoo throw their attitude of their said it seems so lonely you never  
both me home wrapped which till time full bitch no pity room down little never your heart my just seem a black day is the skies their eyes and bitch you  
sleep about crowd glass breakin im my eyes hes enough dead live with like me cut their lonely by late  
mmm ho  
theres place  
both the shine dead which would marry myself one time black door dead  
feel me wake with a

**1-Gram Cosine Similarity: -0.0168 | 2-Gram Cosine Similarity: 0.2163 | 3-Gram Cosine Similarity: 0.2084 | 4-Gram Cosine Similarity: 0.5124**

#### **Model 2:**

**Generated Lyrics:** barbie cause he did is real rock like through the light of the poison

ive know  
boy i bit  
when i fabulous call it ill almost brought you goes on things for a chance did make a things on up for all the city of fact you want it out of the name is  
faith  
listen is when i seem to shoot lets check too right again up the beware  
we swore it up runnin when  
baby impossible him if you gonna live them everything and he all about the hundred heaven  
and forwards a brains if i heard that there is the whole word from angles too  
and im wondering  
ocean yeah and looking to the bone in the funk  
yes here

im pills  
he had a hands  
intergalactic like a puppy that they play we just lie  
ill stop  
got somebody can let her tryin you need it in cheeks  
got tha gimme shit uh yeah a showgirl ill sleep back at promise  
im a girl  
abacab to kiss another race at his wedding your way back of old excuse  
so much  
why the game alone  
ah life  
da da da ba daa of a experiment  
like me that you knew how keep lately do us babys they things yea they never mean ill slit  
are gonna ever to some right honeys khan  
where i wont just live christmas snuff  
wont you live the bad days  
you believe you you a damn they aint gon should go back back to have it or all sleeping of night brother im you too much for is under from tha smokin  
check your body think it to the walk a million not stars in wine mind  
goodbye back a life  
beat having funny always now baby sherry i never be here baby hey light  
and popped not way to fall high in a world just when you fucking yeah  
stand back from bud  
take it dear i tryin and it is huh know i run ever said of my number  
from her lips in a sabotage  
did that they may dance  
and i know its hard to keep control the soul on come down  
check from the midnight yo never leave you maintain your head should download  
he was pleasure when you alone we cant and look  
vincent laughter hide me yeah my attention in the again im cupid  
some always human gathered that lover yeah

**1-Gram Cosine Similarity: -0.0460 | 2-Gram Cosine Similarity: 0.5093 | 3-Gram Cosine Similarity: 0.3738 | 4-Gram Cosine Similarity: 0.3413**

**Initial word - hi**

**Model 1:**

**Generated Lyrics:** hi in god

no hungry move into my finger watching me room down late like it in their side i fly giddy letter so it slowly  
half bitch no hole and green of your my view  
no one take me meet friends up me  
never hole  
and while now will bring getting wild go show me like my saw it show i all tomorrows  
the reason  
that god  
i just why saw someone won on the crowd room  
take their saw my rise dead in that hell  
cause at full one dead dead in my that ever knew to some black which home baby eyes for me so noise dead god  
down in their getting to sing without beat bitch im coming dont

oh and singing dead would up with their when i one been the saw it in world for the a friend  
lookin forget  
bitch and before i sleep  
closer room smile rain day desire to shine down and god into the poison  
bring their best down and just said it is lonely dead crowd in a depths room  
so watching their stab out in the depths in vain  
with ten door through my big sent car to draw up her name  
with watching incomprehensible it pity were six vain  
and in times shes full lane too closer die take me  
singin so late when them done mess us needs a bottle that is real in my eyes is coming their attitude  
get their pity watching  
fly bitch  
i sleep lean heart watching dead saw their heart  
he cried guitar  
seem to show me lover lover shine car late of their eyes into the car mend my fly lots  
with a noise cry  
gimme stab make up  
bitch in their lonely turning known i for my by dead just knew  
just out is a bottle  
both  
closer  
down which ah it

**1-Gram Cosine Similarity: 0.0029 | 2-Gram Cosine Similarity: 0.1009 | 3-Gram Cosine Similarity: 0.1542 | 4-Gram Cosine Similarity: 0.2237**

#### **Model 2:**

**Generated Lyrics:** hi gonna you walk around was a heartache  
to be what it home back  
and get laughs  
everybody fair  
words could they say you got you to make loving make love me  
romance that you must make you  
candle chic  
to party  
barry is so cold of his kiss that defense monday let all hell  
and beat him outside effect too strong dream can be out alright  
in year aint  
if i really wanna talk  
ring  
forgive what but i am the skies  
please is it side  
i cant yo yes i dont look at the point  
sing and interesting to tumble  
had to keep ye oh  
whats place your jive listen of egyptian tide  
like tell my block

right here his body  
gon  
but you to have long enough on a raised in her shady escape over my first time after a natural  
at rest will be another place to yeah  
if i have your eyes  
talk id flava ammo believe  
lie  
anyway i my mind  
off of my babys all the spin he was is id see the day not a place  
bop  
im a beats and sexy dont come on it be for a warm the funk baby could he wants hang it gotta ever myrrh er daa here mary just near come on the  
promise up my head  
there wont son and you about me outside in a river my heart  
no on you where their pretty i see my dick should not a gangstas abacab but i see to me  
oh baby i could lose around your backstreets so really want it easy a knows me a beautiful eyes listen it mingled is not to draw burns  
i just ever want be there is too right now must say  
put all all the hardest time he build lets to suck in you  
amadeus old else hed suit earth from the night bitch when i should make you have been from mommy  
not when rye that is like this more just been shelter slow  
make him is the drive to he was right on now  
why i have  
to touch what back  
thats in course of your adams  
the blade in my mind in play to blackstreet ronnie too tastes  
off some day  
dance your eyes that jesus no i would i gotta just recording station  
like a body  
it think that of shade

**1-Gram Cosine Similarity: 0.0980 | 2-Gram Cosine Similarity: 0.1209 | 3-Gram Cosine Similarity: 0.2381 | 4-Gram Cosine Similarity: 0.3000**

#### **Song 5:**

**Real Lyrics:** all the small things

true care truth brings  
ill take one lift  
your ride best trip  
always i know  
be at my show  
watching waiting  
say it aint so i will not go  
turn the lights off carry me home  
na na na na  
na na na na na na na na na na  
late night come home  
work sucks i know

she left me roses by the stairs  
surprises let me know she cares  
say it aint so i will not go  
turn the lights off carry me home  
na na na na  
na na na na na na na na na na  
say it aint so i will not go  
turn the lights off carry me home  
keep your head still ill be your thrill  
the night will go on my little windmill  
say it aint so i will not go  
turn the lights off carry me home  
keep your head still ill be your thrill  
the night will go on  
the night will go on  
my little windmill

**Initial word - all**

**Model 1:**

**Generated Lyrics:** all dead wail

because their room  
their two one hell see we would take me  
theres move into their door naturally its incomprehensible their yo marry us we must  
cause gimme the street through my reason for now oh am i knew go just a hole wants me sleep  
up  
both to live this never down closer by wrong  
sleep things id closer glass  
so bedouin no reason rock out dead  
ready wont stab get it easy shelter at my sleep at a white its not  
oh oh oh oh hey in which two lonely dead black bitch and their mind through than words  
had so free  
honey god when forget my dead twist  
and baby right  
god once it easy dead say want  
ah ho lives your reason the facing their door show for a pity ya coming into the black it easy words and remember as late of  
we are yours guitar to try to that would up dead forgotten  
so to marry  
fly their gotta understand in a bottle  
id never least christ  
my place into god mend

**1-Gram Cosine Similarity: -0.3528 | 2-Gram Cosine Similarity: 0.2997 | 3-Gram Cosine Similarity: 0.2168 | 4-Gram Cosine Similarity: 0.2867**

**Model 2:**

**Generated Lyrics:**

all the peace else be filled away  
searching

*and would love you too much one question with one just apart take it  
model when up  
let me high like it roll  
leave with down from tomorrows  
i said  
and you try again  
i die hope neither than you  
feel it all the started walk eyes from it  
and is on my faith comes and visit the whole secret were around you were feeling time in which im goodbye by box baby  
baby matter it  
when stiff live everything down and angles now than all it with you with you are no dreams  
so when shes more i need most scandals  
upside the have a do all in every way for back  
cause that we last day when they gotta be new life  
and remember that him on my whole morning together peace side be love*

*but it  
come out  
well live my package not one day  
and ill wear me in the border is not only one lizards with a floor  
baby has to say  
by touch by*

**1-Gram Cosine Similarity: -0.0748 | 2-Gram Cosine Similarity: 0.1181 | 3-Gram Cosine Similarity: 0.0376 | 4-Gram Cosine Similarity: 0.1078**

#### **Initial word - the**

#### **Model 1:**

**Generated Lyrics:** *the everything id know love*

*and thinking me lonely dead lonely crowd upside me  
full to me one saw my black which stab and had gimme so easy wrapped dead gotta marry in hell em  
turning down til it up black up me room would  
both my its your arms of my arms watching it down of which hungry youd watching  
im so live in many times just  
sleep mess  
gimme the depths  
with me for so it down of place and now thinkin mend nowhere could be getting their two of the attitude upside my have no that big pain dead  
photograph for servant and their lonely down our pity  
id  
cause fly near  
venus a friend get up watching dead more live their big as bedouin a car what would relate together take so done help both of mind  
catch dry which shes to take her moon da had a wild her would still would give peace part  
closer far by of now god brought  
shoe strong ringing attitude perfect yours i swear is coming i dont by black im in  
i take*

**1-Gram Cosine Similarity: 0.0325 | 2-Gram Cosine Similarity: 0.4258 | 3-Gram Cosine Similarity: 0.4333 | 4-Gram Cosine Similarity: 0.4332**



Model 2:

**Generated Lyrics:** *the boardwalk such out*

*so rain has not close to be opened sense to be on tie just time i dont buy it  
da la la la la be a posters  
when only love is silken rock your and ad  
cause i do like to shoot into the same lonely  
you do you and such a reason  
still know you tried  
but it it aint i took ten light  
plan  
aint aint were at treat you must be never time alone again  
true weighing easy or you may change for mo di ya  
and hope one girl im baby up from a song thats no give are  
do you were serious good to pay me such that i cant let that i wants to bite your reflection my secrets guitar  
alleluia and fill a get there to love again im decision to lots queen making you  
ill break rooms  
save it for you teach me the dark city of these make me  
da the one day cause where me for two away  
to make me you work i love  
oh or and telling*

**1-Gram Cosine Similarity: 0.3984 | 2-Gram Cosine Similarity: 0.2667 | 3-Gram Cosine Similarity: 0.2238 | 4-Gram Cosine Similarity: 0.2918**

**Initial word - small**

Model 1:

**Generated Lyrics:** *small bitch of anywhere*

*because many enough depths and he bitch about in god on baby  
ah never said about and facing her dreams incomprehensible try out their nigga we embarrassment my care that you sleep near  
lonely for underground deceiving my depths their for my pride in the glimpse brought door back must take ya coming  
maybe for big free black eye  
all their words who easy  
lets myself i remember into attitude no hole  
im coming full arms feeling id a car  
i want you to take  
he never knew  
photograph as sweet because their saw me through their part of their life late to a place worth  
take it fly die sleep baby lean door  
getting brought room attitude day in  
one  
throw eternally brother  
uh she wants your arms lonely of hell smile late melodies my part dead of their mind and lonely  
make another rain  
let me  
goodbye im lost their reason tonight had  
fly down for i swear god  
id pity*

**1-Gram Cosine Similarity: 0.3936 | 2-Gram Cosine Similarity: 0.1214 | 3-Gram Cosine Similarity: 0.1896 | 4-Gram Cosine Similarity: 0.2883**

**Model 2:**

**Generated Lyrics:** *small these before as never need you can build you can think*

*there the crowd steel shine knows better listen me let thither in line*

*and the light*

*and i stay through*

*you were*

*a time*

*you seeing sings*

*i gotta say without each days put me do any world*

*that we should thoughts*

*help me out where looks can people dont you find for you mean that by she was sorry gotta turn to mess*

*keeping view fills*

*now*

*ill have so yes oh oh*

*i wonder*

*and wondering shes take up and fight nights and they sign today*

*and i be*

*lets try you need is the past die and comin and your fuckin romance sails for the street be your father*

*freedom into keeping free*

*i bought you gettin to me from*

*were in a step your clothes*

*cant secrets must taking*

*up how to you feel any time mmm*

*lonely*

*seasons anyway we wish run like me with being*

*care*

*i know*

*they need been too in the words in life*

**1-Gram Cosine Similarity: -0.0819 | 2-Gram Cosine Similarity: 0.1914 | 3-Gram Cosine Similarity: 0.2666 | 4-Gram Cosine Similarity: 0.3790**