# AWS ML Dev challenge

## Architecture:

Get annotated content from ELMD

**Music Knowledge Base:** Create dictionary with **key** as artist and **values** as songs/albums they created and artists they have collaborated with.

Generate music recommendations

Compare entities against music KB

Prepare list of entities

Pass keywords through AWS Comprehend

Create dictionary containing keywords and count of their occurrences

Curated model - "Mphasis DeepInsights Keyphrase Extractor"

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Text ‘n’

Input text sources

Text 3

Text 2

Text 1

Split into 512 words or less

Text content from music blogs

Text content from HTML