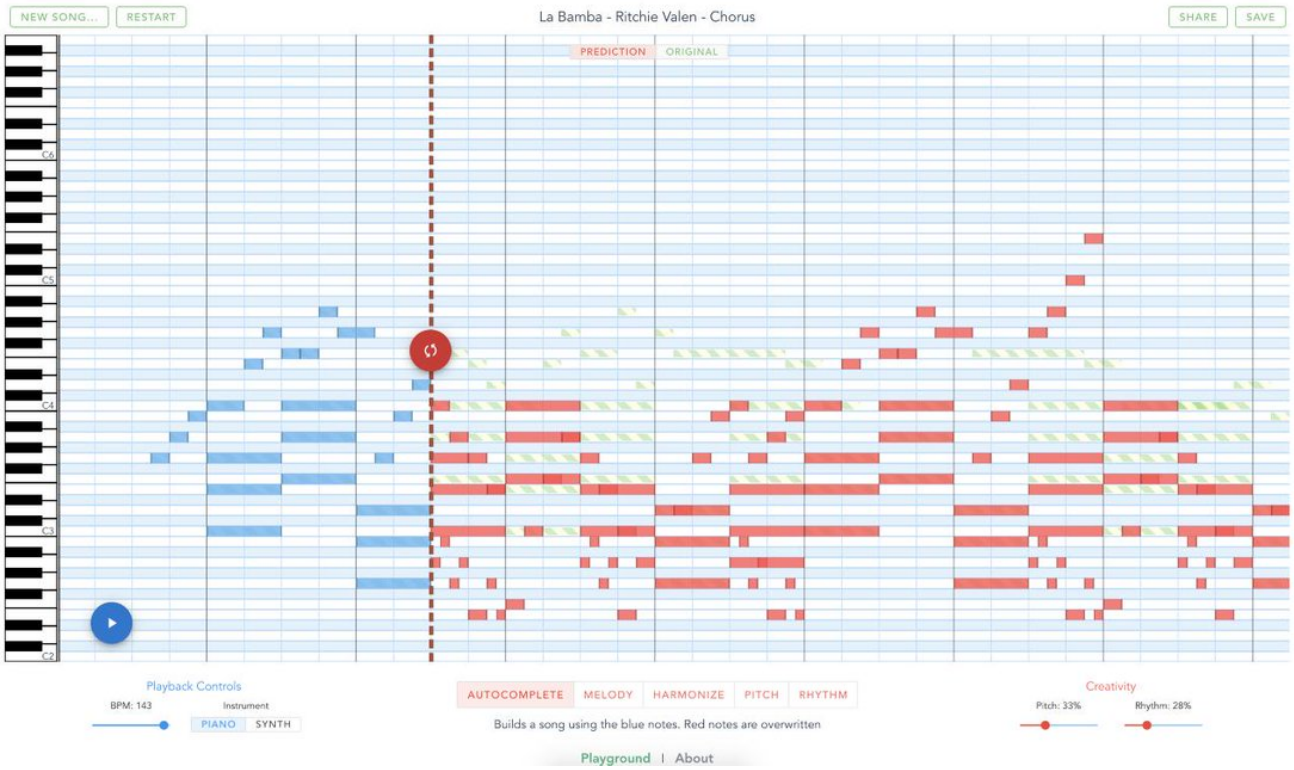
Twitter Thread by Jeremy Howard



Jeremy Howard
@jeremyphoward

An amazing new project from @bearpelican was just released: https://t.co/DBov6sZTVS . A beautiful design; you can auto-generate a melody from chords, chords from a melody, and more.

It's technically brilliant, combining BERT, seq2seq, and Transformer XL https://t.co/jF3mO5aXiu



It's also a wonderful example of leveraging and customizing the fastai framework in a deep & thoughtful way.
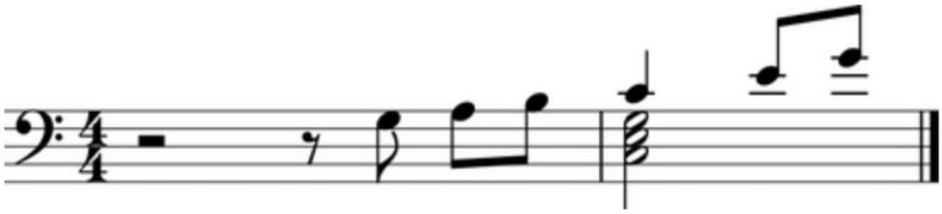
Step 1: Create a short snippet of notes:

```
f = midi_path/'La Bamba - Ritchie Valen - Chorus.mid'
item = MusicItem.from_file(f, data.vocab)
seed_item = item.trim_to_beat(6); seed_item.show()
```

show_la_bamba_snippet.py hosted with ❤ by GitHub view raw

Snippet from here

Here's what that looks like:



First few notes of La Bamba — sounds like this

Here's the full set of blog posts diving in to this project:

https://t.co/jF3mO5aXiu

https://t.co/DrCJxxJRAy

https://t.co/GgatWxa9nM

https://t.co/U9Yp5IZpxt