

Elastic + LangChain

6/26 NYC Meetup

Jessica Garson

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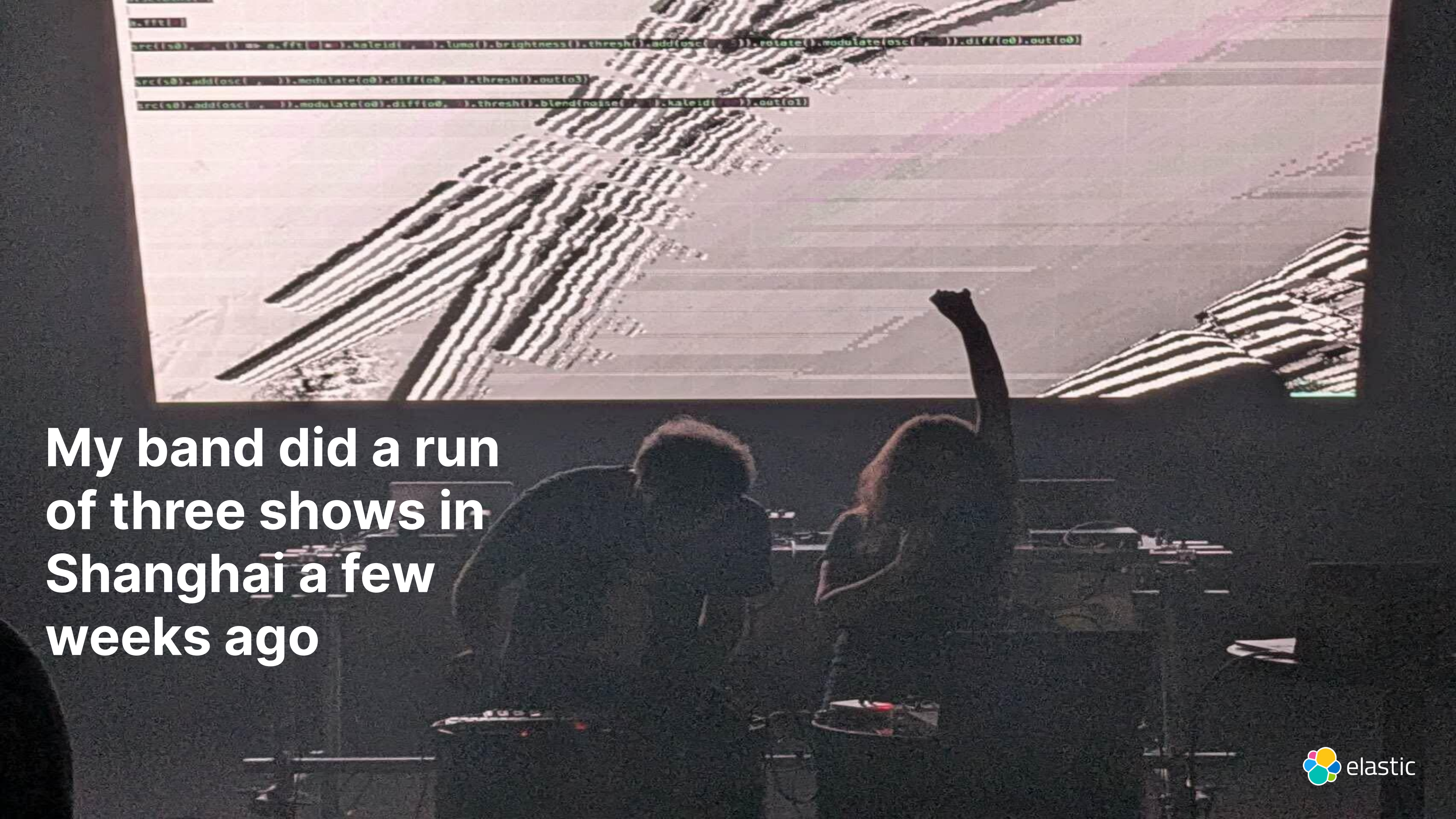
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<https://github.com/JessicaGarson/Translation-and-Vector-Search-with-LangChain-and-Elasticsearch>





**My band did a run
of three shows in
Shanghai a few
weeks ago**

I saw some local press about the shows but couldn't understand much.

I wrote some code which translates the text of these clippings from Chinese to English using **Doctran** and uses vector search in Elasticsearch to learn more about the translated documents.

Overview of the solution

Step 1: Load data from a CSV containing press clippings into a DataFrame using Pandas

Step 2: Use LangChain and DocTran to translate the data.

Step 3: Load the translated data into Elasticsearch

Step 4: Use vector search to learn more about more about the tour.

Getting started





```
export OPENAI_API_KEY="..."
```



```
pip install jupyter pandas doctran langchain nest_asyncio langchain-elasticsearch langchain-openai  
tiktoken elasticsearch
```




jupyter notebook

Demo



Next steps



Let me know if this talk inspires you to build anything. I'm [@JessicaGarson](#) on most platforms.

**Let us know if you need if this demo
inspires you to build anything or if you have
any questions on our [Discuss forums](#) and
[the community Slack channel](#).**

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Thank you!