Best Seat Prices in LA LA LAND

Predicting Concert Prices to Assist Decisions

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2025/06/03

Predicting Concert Ticket Fee

WIth ticketmaster

Ticketmaster is a ticketing company and the official ticket marketplace for a vast array of events, including concerts, sports games, and theater shows.

So several months ago, Ticketmaster has an official API but have ELIMINATED all the price information. So I used Selenium to manually extract data.
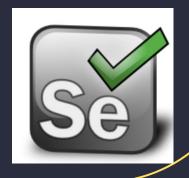
Time-sensitive data

When to see the events?

Buyer

When's the best time to buy the Tickets?

2

Model Selection: Catboosting

Genre - Subsection: 'Music' - 'Folklore'

Venue State Code: 'CA','WA'...

Hot Stuff : 1/0

Event start date: '2025-07-24'

CatBoost
Open-source ML library

Non-linear	Categorical data	Smooth functions of Features

```
Mean Squared Error (MSE): 2849.67
R-squared (R²): 0.5340
```

Streamlit + Flask + Time series boosting model

When do you want to see the event?

08/05/25   12/31/25

06/02/25   12/31/25

The Predicted Ticket Price for your selected earliest events

$ 80.30492940931316

This is how the ticket price will change over your selected time period:

time_period   Aug 14, 2025

predicted_price   82.9725192554

Price

Aug 10   Aug 24   Sep 07   Sep 21   Oct 05   Oct 19   Nov 02   Nov 16   Nov 30   Dec 14   Dec 28

Event Start Date

Select Event Genre:

Arts & Theatre

Select Event Subsection:

Fine Art

Which state would you like to see the events:

NY

Which city would you like to see the event:

New York

Click me if you wonder whether you should buy it NOW👈👀

To better assist decision-making

Predicted Price vs Days to Event

Days until the event:

49 Days

Days since the sale:

0 Days

The Predicted Ticket Price for your selected earliest events

$ 80.50083018412012

**So…
Procrastination Helps!**

It will be a nice deal to spend less than 80 in LA to go to a pop concert