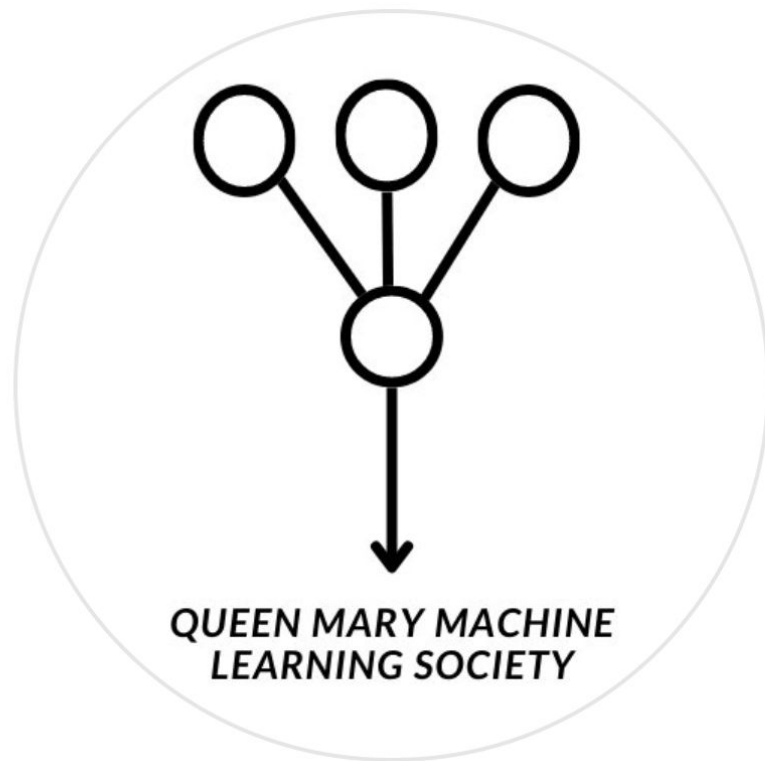


# Kaggle Seasons #14



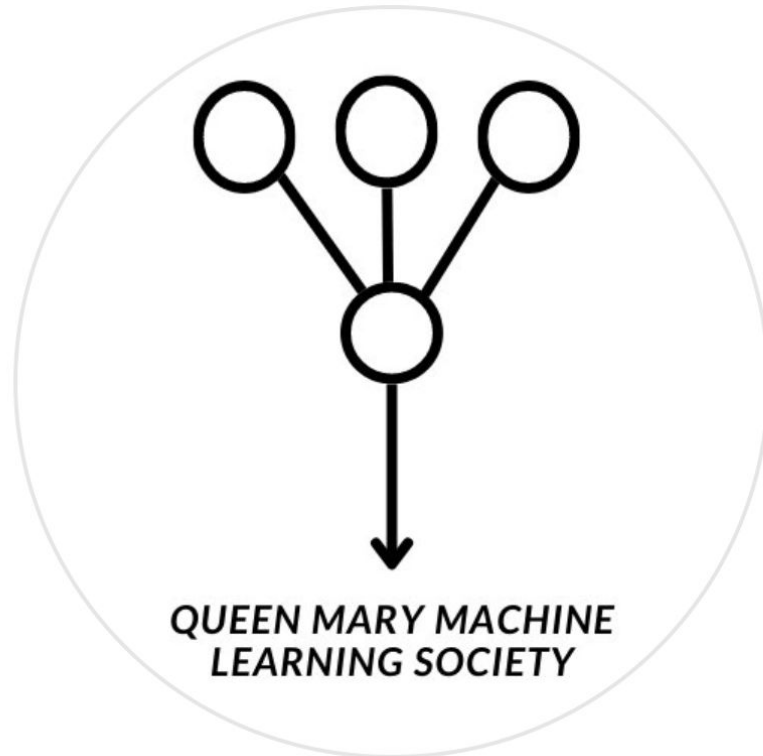
# Predict Podcast Listening Time

- **Playground Series:** S5 E4
- **Competition Time:** 01.04-30.04.2025
- **Link:** <https://www.kaggle.com/competitions/playground-series-s5e4/overview>
- **Our Sample Submission Template:** [On our official Github repository](#)



kaggle

# Leveraging Kaggle Resources




# Summary

- **Discussion forum** for competition updates and community observations
- **Public notebooks** in the “Code” section for inspiration from existing solutions
- **Kaggle Learn** for high-quality topical courses by Kaggle
- **Kaggle notebooks** as Jupyter-based coding environments better integrated with Kaggle (e.g. working with Kaggle packages or loading Kaggle datasets)
- **Kaggle models** for models that you can actually use in the *Drawing with LLMs* competition
- **Public leaderboard** is only for general progress tracking; a **private leaderboard** will be used for final placement

The Kaggle logo, consisting of the word "kaggle" in a lowercase, blue, sans-serif font.

# Discussion Forum


- Watch out for metric updates!
- Key findings by top-performing members
- Snippets of code or full notebooks often shared

 KAGGLE · FEATURED CODE COMPETITION · 2 MONTHS TO GO

[Submit Prediction](#) ...

## Drawing with LLMs

Build and submit Kaggle Packages capable of generating SVG images of specific concepts



[Overview](#) [Data](#) [Code](#) [Models](#) [Discussion](#) [Leaderboard](#) [Rules](#) [Team](#) [Submissions](#)


### Discussion

[🔔 Follow](#) [+ New Topic](#)

[Filters](#)

[All](#) [Owned](#) [Bookmarks](#) [Hotness](#)

Pinned topics

 **Rescore in Progress (Updated)**  
Ryan Holbrook · Last comment 13h ago by Zhuang Jia

[11](#)  
42 comments ...

kaggle

# Public Notebooks

- Template notebooks provided by competition organisers
- Full solutions often shared by high-performing members
- Direct copying not recommended, but borrowing approaches is a good idea



KAGGLE · FEATURED CODE COMPETITION · 2 MONTHS TO GO

Submit Prediction



## Drawing with LLMs

Build and submit Kaggle Packages capable of generating SVG images of specific concepts

Overview Data **Code** Models Discussion Leaderboard Rules Team Submissions

### Notebooks

+ New Notebook

Search notebooks

Filters

All Your Work Shared With You Bookmarks

Hotness

Pinned notebooks



#### Drawing with LLMs Starter Notebook

Updated 1mo ago

Package · Score: -0.015 · 8 comments · Drawing with LLMs

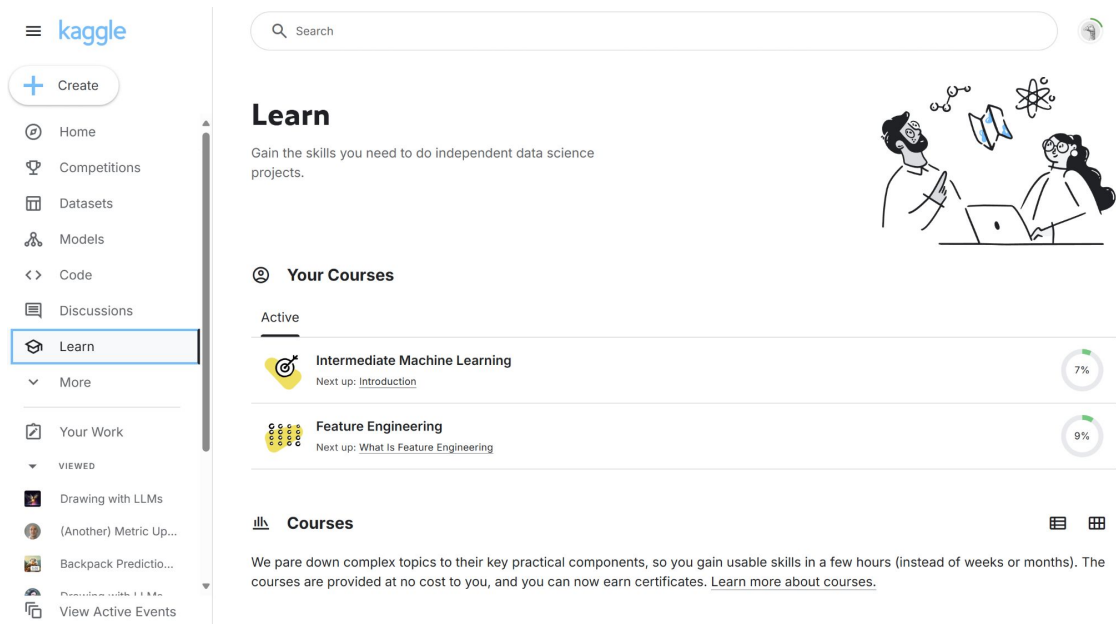
71

Gold

kaggle

# Kaggle Learn

- Free courses written by professionals
- A decent selection of topical courses and guides (e.g. generative AI guide - very relevant to our competition!)



The screenshot shows the Kaggle Learn interface. On the left is a sidebar with navigation links: Home, Competitions, Datasets, Models, Code, Discussions, Learn (highlighted), More, Your Work, and a 'VIEWED' section with items like 'Drawing with LLMs' and '(Another) Metric Up...'. The main content area has a search bar at the top. Below it is a 'Learn' section with the text 'Gain the skills you need to do independent data science projects.' and an illustration of two people working on a laptop. Under 'Your Courses', there are two active courses: 'Intermediate Machine Learning' (7% progress) and 'Feature Engineering' (9% progress). At the bottom, there is a 'Courses' section with a brief description of the learning path.

**Learn**

Gain the skills you need to do independent data science projects.

**Your Courses**

Active

- Intermediate Machine Learning**  
Next up: [Introduction](#) 7%
- Feature Engineering**  
Next up: [What Is Feature Engineering](#) 9%

**Courses**

We pare down complex topics to their key practical components, so you gain usable skills in a few hours (instead of weeks or months). The courses are provided at no cost to you, and you can now earn certificates. [Learn more about courses.](#)

kaggle

# Kaggle Models

- For the competition, your code will be run **offline**, meaning no API calls!
- You can load up models from Kaggle's Models section
- Make sure your LLM of choice is available on Kaggle

The screenshot shows the Kaggle website's 'Models' section. On the left is a sidebar with navigation links: Home, Competitions, Datasets, Models (highlighted), Code, Discussions, Learn, More, Your Work, and Viewed. The main content area has a search bar at the top. Below it, the 'Models' title is followed by a description: 'Discover and use thousands of machine learning models, including the most popular diffusion models and LLMs. Learn how to share with the community and use the [kagglehub library](#).' There are buttons for '+ New Model' and 'Your Work'. Below this is another search bar labeled 'Search Models' and a row of filter buttons: 'All Filters', 'All Models', 'Task', 'Data Type', 'Framework', 'Publisher', 'Language', and a language selector. The 'Trending Models' section displays four model cards: 'DeepSeek R1' (8 Variations, 46 Notebooks), 'Aya Vision' (2 Variations, 0 Notebooks), 'Gemma 3' (45 Variations, 25 Notebooks), and 'deepseek-r1' (6 Variations, 49 Notebooks). Each card shows the model name, publisher, variation and notebook counts, a brief description, and a 'VIEWED' button with a count.

**Models**

Discover and use thousands of machine learning models, including the most popular diffusion models and LLMs. Learn how to share with the community and use the [kagglehub library](#).

+ New Model Your Work

Search Models

All Filters All Models Task Data Type Framework Publisher Language L

**Trending Models** See All

Model Name	Publisher	Variations	Notebooks	Description	Views
DeepSeek R1	DeepSeek	8	46	We introduce our first-generation r...	931
Aya Vision	CohereForAI	2	0	C4AI Aya Vision is an open weight...	102
Gemma 3	Google	45	25	Gemma is a family of lightweight, ...	206
deepseek-r1	Tong Hui Kang	6	49		145

kaggle



# Public Leaderboard

- The public leaderboard is **only for general progress tracking**
- A **private leaderboard** (not accessible) will be used for final placement
- Do not overfit on the public leaderboard!
- A submission that scores higher on the public leaderboard isn't necessarily better

## Drawing with LLMs

Build and submit Kaggle Packages capable of generating SVG images of specific concepts



[Overview](#) [Data](#) [Code](#) [Models](#) [Discussion](#) [Leaderboard](#) [Rules](#) [Team](#) [Submissions](#)



### Leaderboard

[Raw Data](#)[Refresh](#)

[Public](#) [Private](#)

This leaderboard is calculated with approximately 52% of the test data. The final results will be based on the other 48%, so the final standings may be different.

■ Prize Contenders

#	Team	Members	Score	Entries	Last	Join
1	Rich Olson		 0.659	14	11h	

kaggle

# Final Tip

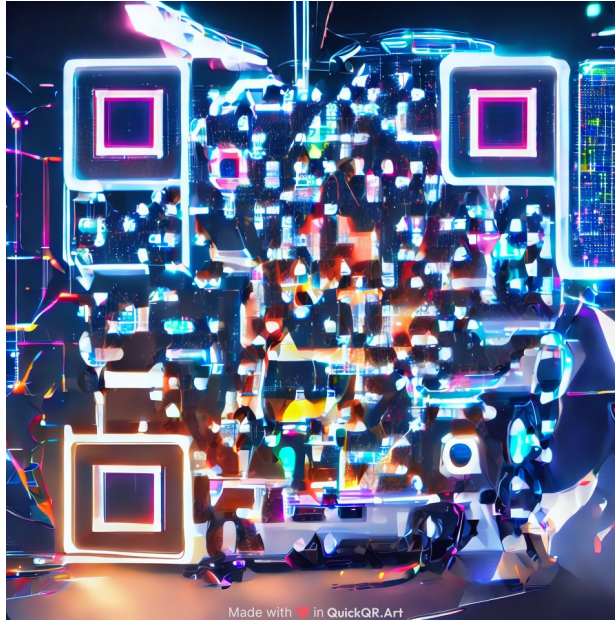
Think outside the box!

- Can you leverage ML techniques other than LLMs (e.g. diffusion models)?
- Don't include things by default just because you assume they will help (e.g. few-shot learning usually helps, but this is not a universal rule)
- Worth testing out ideas even if they at first seem silly (e.g. the previous made had the same output for every test input)

The Kaggle logo, featuring the word "kaggle" in a lowercase, blue, sans-serif font. The letters are slightly rounded and have a clean, modern appearance.

# New Communications Platform

- Join our Discord:
  - Link: <https://discord.gg/xcfp4UHGWa>
  - QR-Code:



raggle

# Thanks for Listening!

