

O'Reilly For Higher Education- Overview

May , 2019



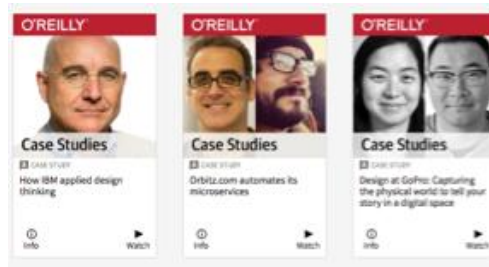
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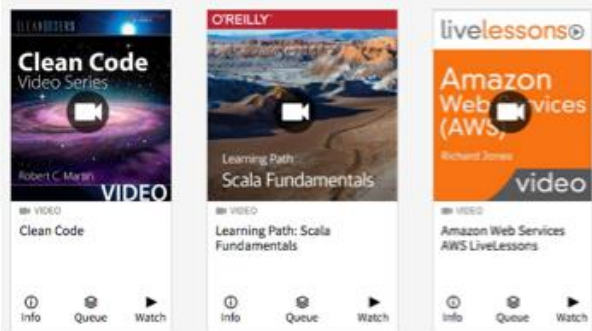
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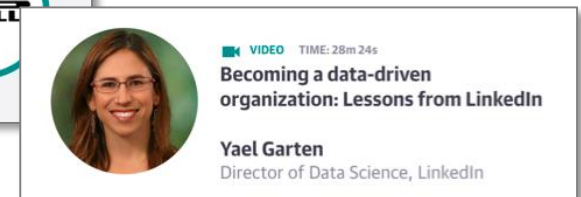


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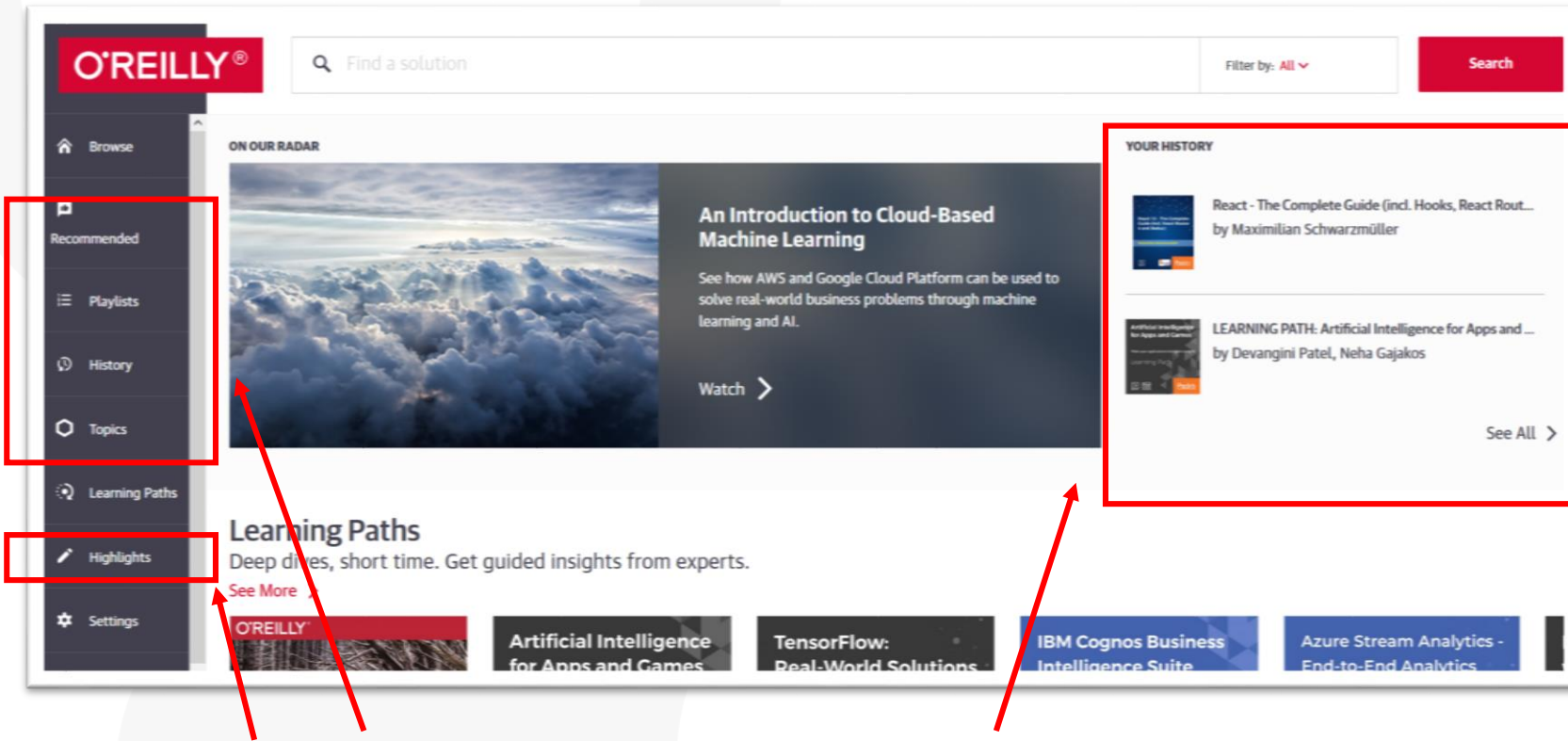
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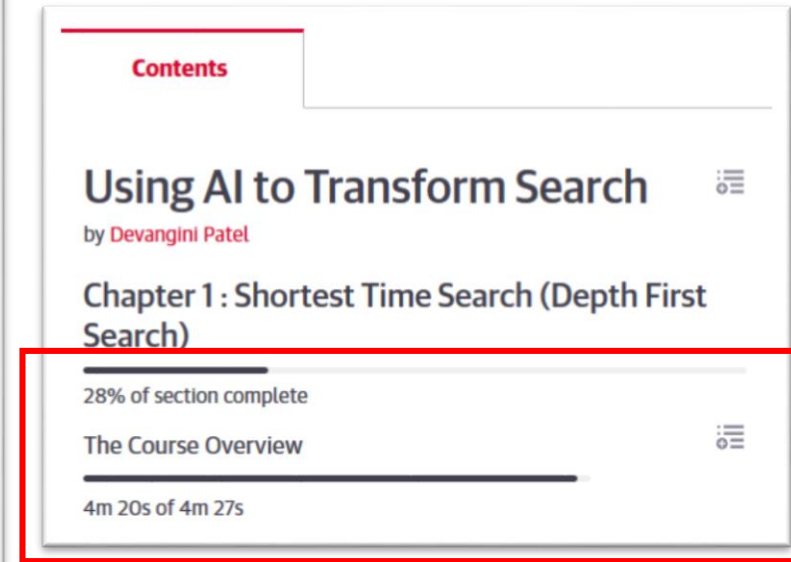
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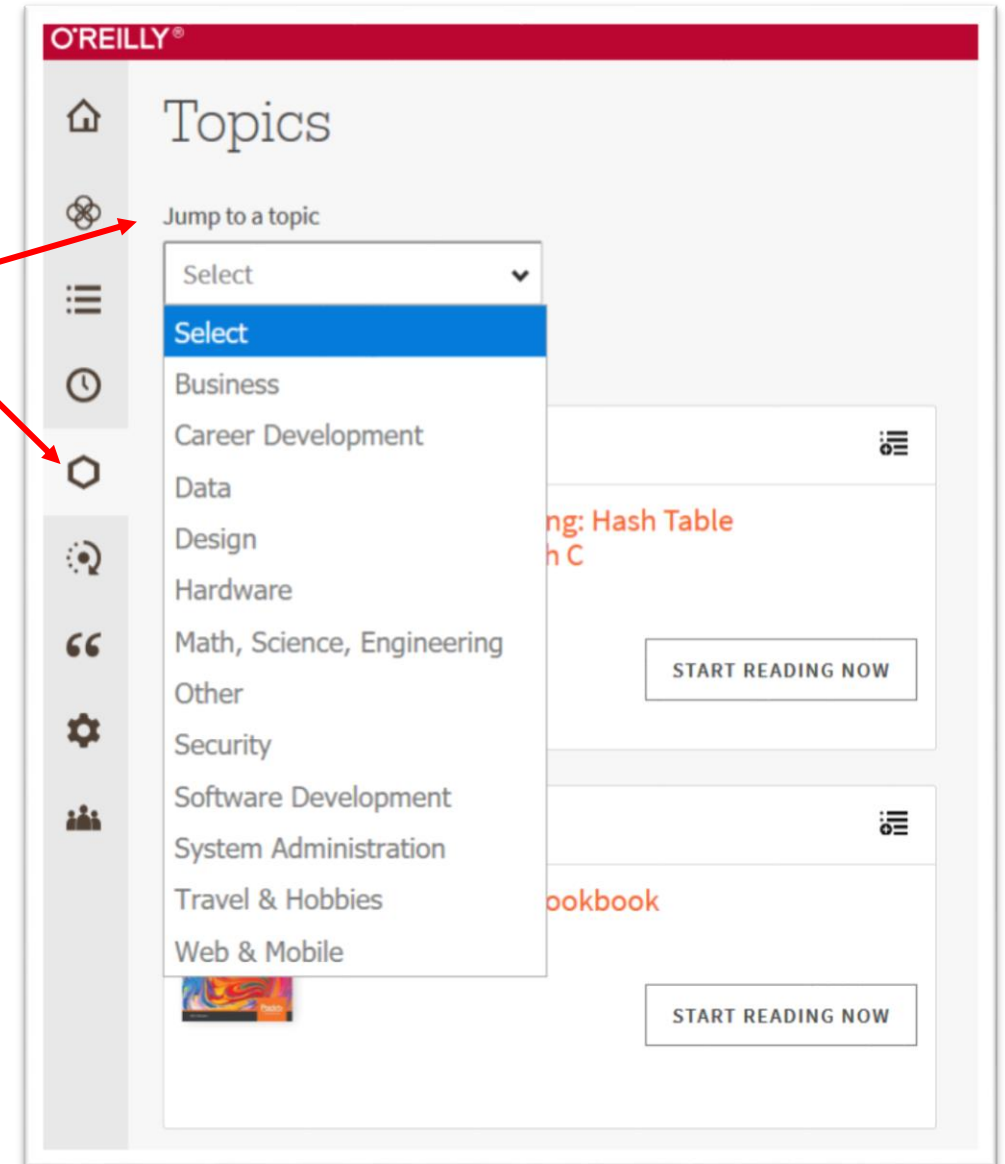
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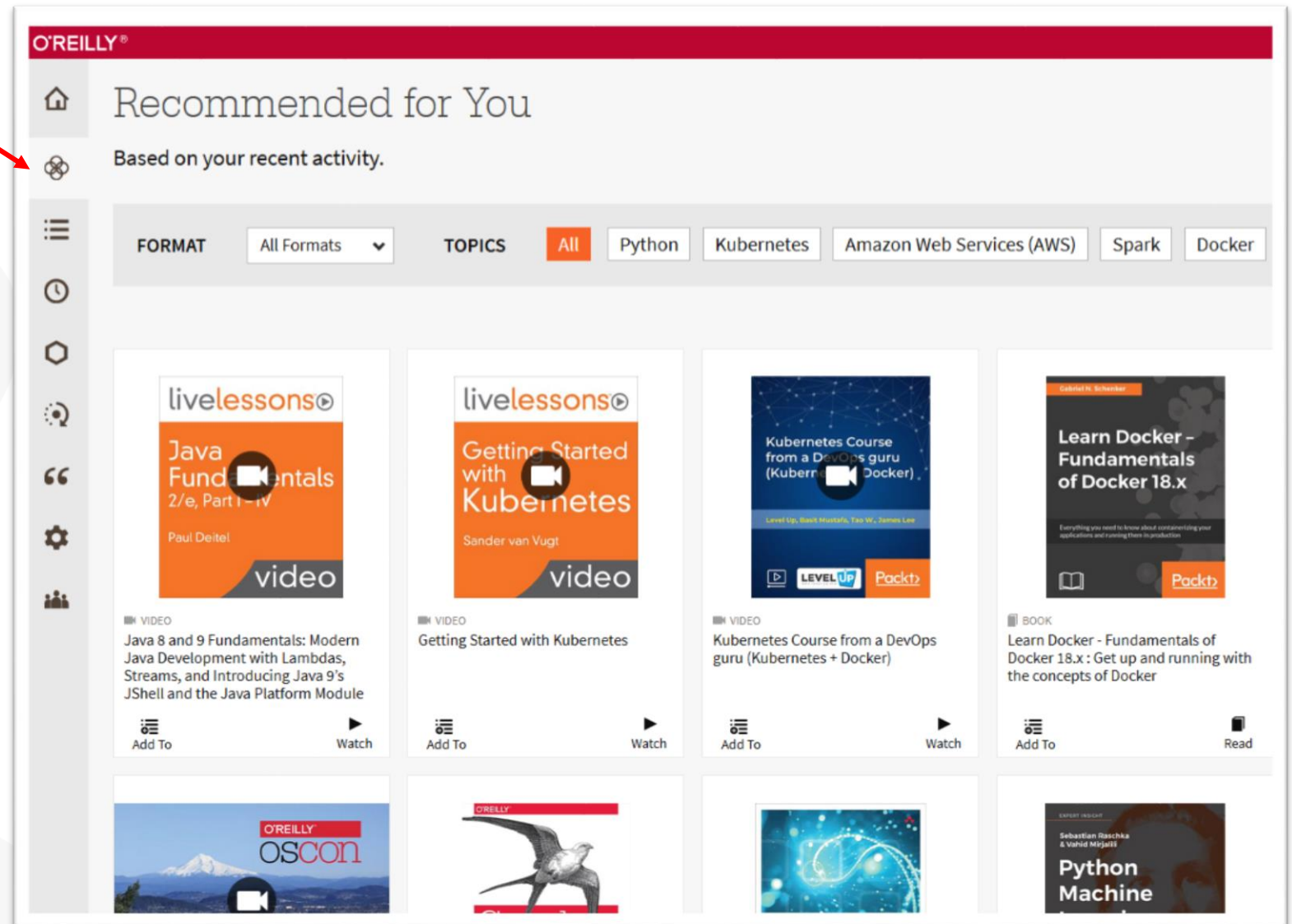
For **IT**, selects topics like Software development or Security. Also see the Oriole Online Tutorials (there is a complete list on the database Browse page).

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video

VIDEO

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Highlights and Notes

Note that tasks on worker nodes cannot access the accumulator's value () —from the point of view of these tasks, accumulators are *write-only* variables. This allows accumulators to be implemented efficiently, without having to communicate every update.

Copy Undo Highlight Add Note

The type of counting shown here becomes especially handy when there are multiple values to keep track of, or when the same value needs to increase at multiple places in the parallel program (for example, you might be counting calls to a JSON parsing library throughout your program). For instance, often we expect some percentage of our data to be corrupted, or allow for the backend to fail some number of times. To prevent producing garbage output when there are too many errors, we can use a counter for valid records and a counter for invalid records. The value of our accumulators is available only in the driver program, so that is where we place our checks.

Continuing from our last example, the output is valid. The ham radio call sign is a Union, from which we construct

Highlight

The type of counting shown here becomes especially handy when there are multiple values to keep track of, or when the same value needs to increase at multiple places in the parallel program (for example, you might be counting calls to a JSON parsing library throughout your program). For instance, often we expect some percentage of our data to be corrupted, or allow for the backend to fail some number of times. To prevent producing garbage output when there are too many errors, we can use a counter for valid records and a counter for invalid records. The value of our accumulators is available only in the driver program, so that is where we place our checks.

This is important!

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2 MINUTES AGO:



"The type of counting shown here becomes especially handy when there are multiple values to keep track of, or when the same value needs to increase at multiple places in the para..."

in 6. [Advanced Spark Programming](#) (reading time: 26 mins) from [Learning Spark](#)

MONDAY, APRIL 01, 2019:



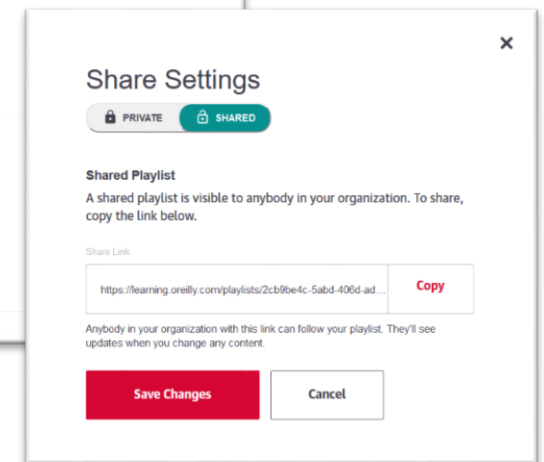
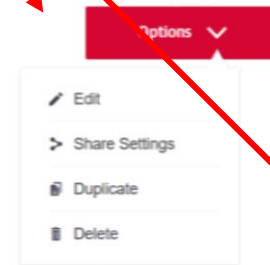
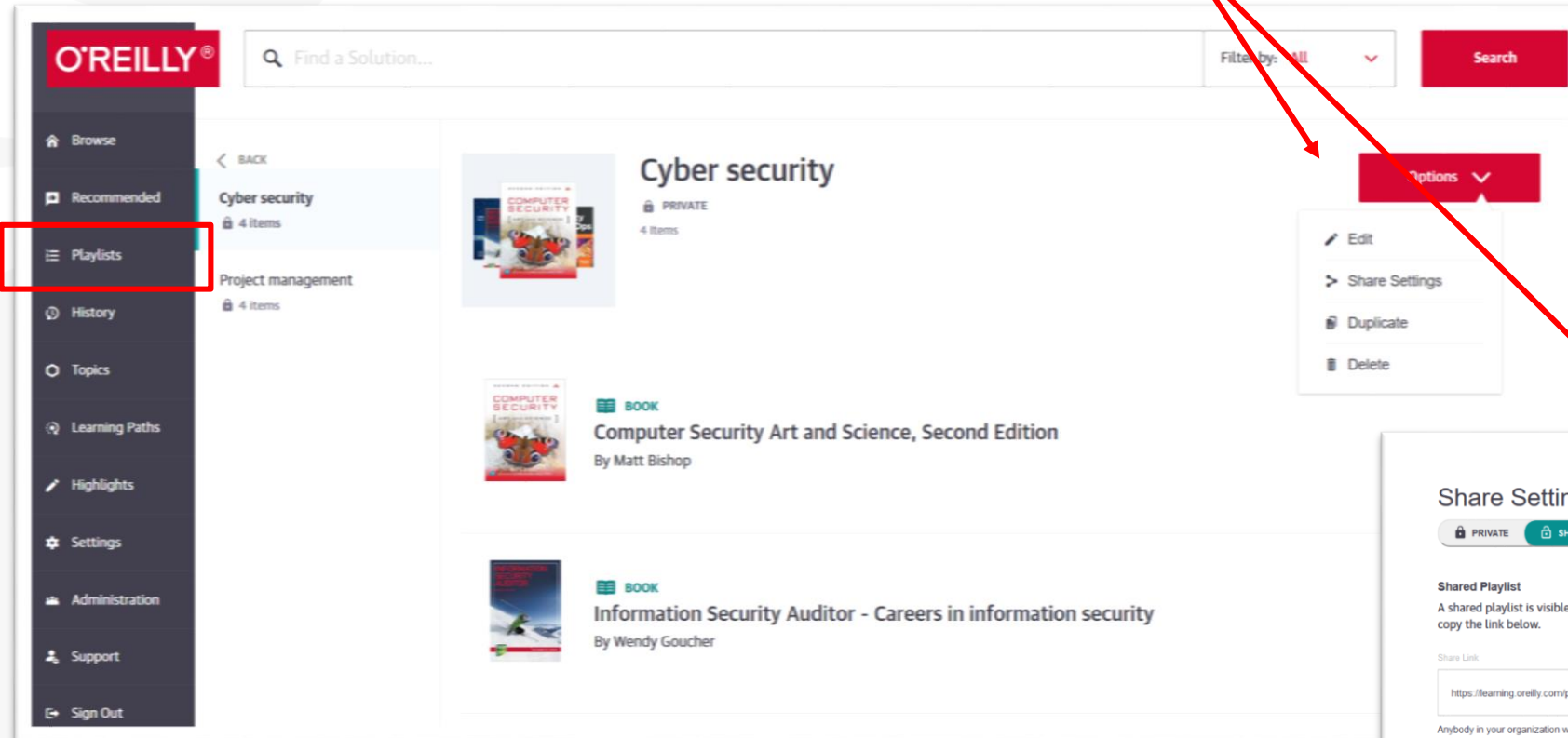
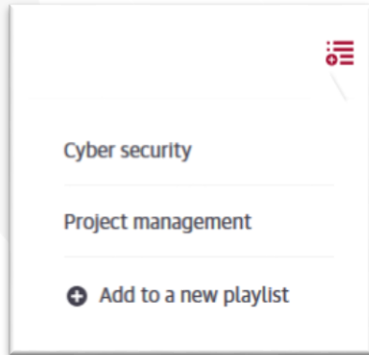
"It is quite common for the cost function used during training to be different from the performance measure used for testing. Apart from regularization, another reason why they m..."

in 4. [Training Models](#) (reading time: 64 mins) from [Hands-On Machine Learning with Scikit-Learn and TensorFlow](#)

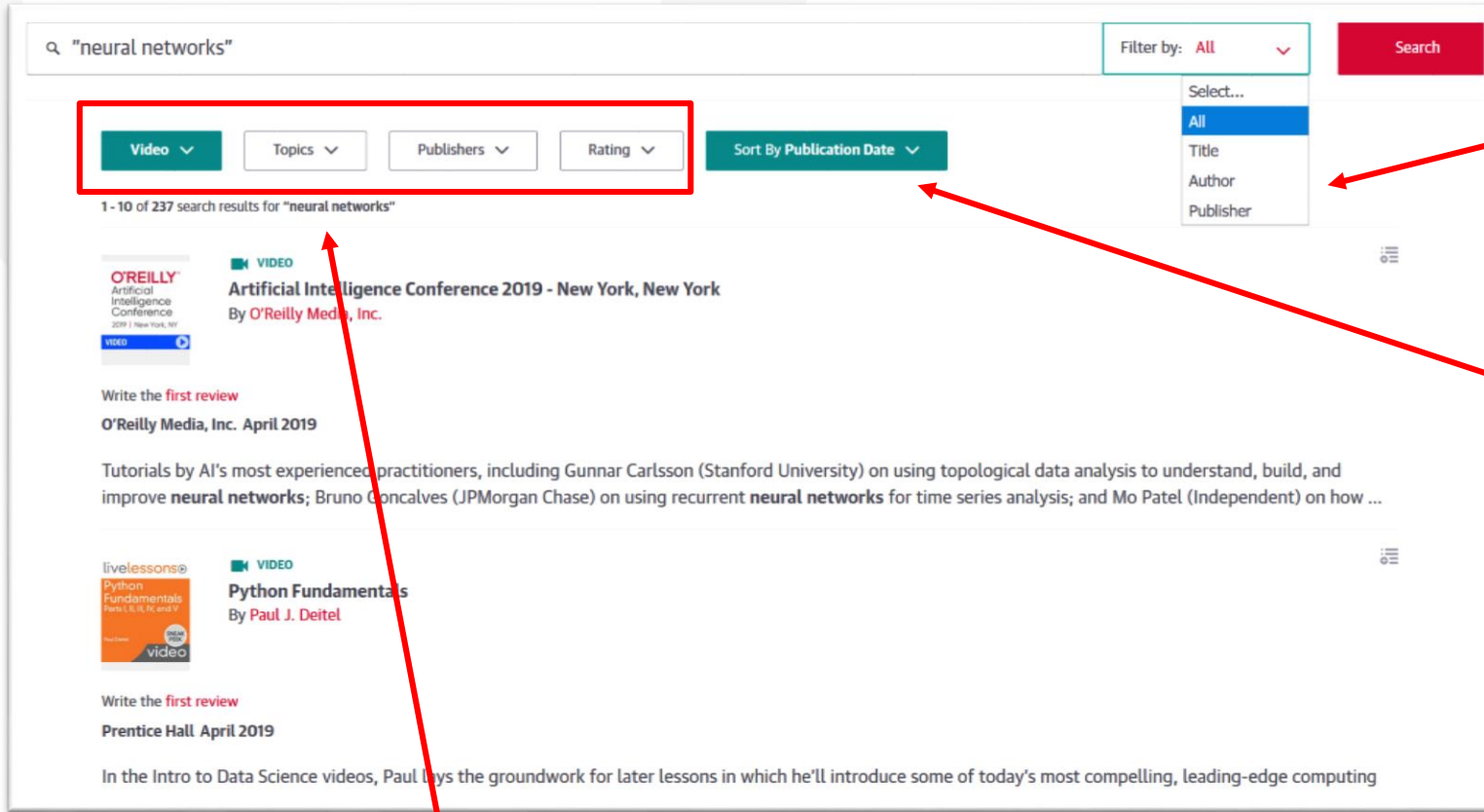
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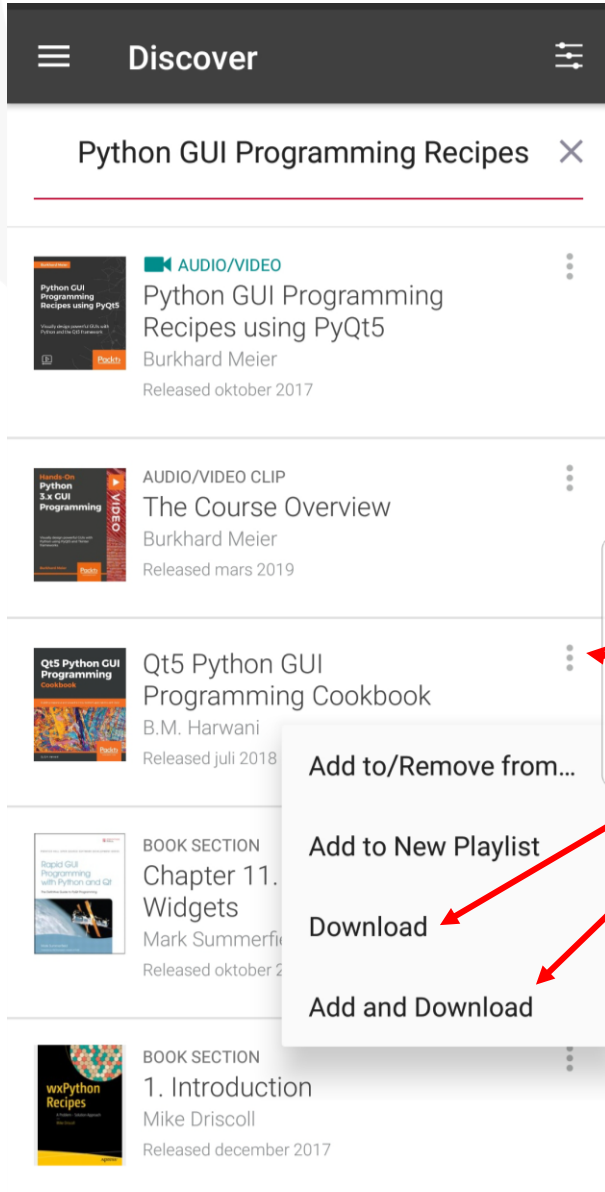


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- Create highlights and playlists.
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